

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113346.D
 Acq On : 27 Mar 2019 23:33
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 28 01:11:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165665	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	633951	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	283122	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	475381	20.00	ng	0.00
76) Chrysene-d12	13.84	240	401065	20.00	ng	0.00
87) Perylene-d12	15.24	264	346272	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	799789	78.94	ng	0.00
7) Phenol-d6	6.36	99	970809	75.74	ng	0.00
23) Nitrobenzene-d5	7.27	82	895921	83.88	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	237032	67.78	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1522744	84.12	ng	0.00
79) Terphenyl-d14	12.79	244	1360299	74.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	193085	37.562	ng	98
3) Pyridine	3.04	79	517343	40.824	ng	96
4) n-Nitrosodimethylamine	2.98	42	212949	37.800	ng	90
6) Aniline	6.37	93	605639	38.802	ng	98
8) 2-Chlorophenol	6.49	128	459973	39.095	ng	98
9) Benzaldehyde	6.25	77	348841	40.559	ng	99
10) Phenol	6.37	94	553935	37.856	ng	97
11) bis(2-Chloroethyl)ether	6.44	93	430997	38.426	ng	99
12) 1,3-Dichlorobenzene	6.65	146	487016	38.401	ng	99
13) 1,4-Dichlorobenzene	6.72	146	491349	40.126	ng	100
14) 1,2-Dichlorobenzene	6.87	146	452800	37.586	ng	99
15) Benzyl Alcohol	6.85	79	346548	40.984	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	655327	38.892	ng	95
17) 2-Methylphenol	6.97	107	356192	38.631	ng	99
18) Hexachloroethane	7.22	117	150272	34.167	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	289176	35.918	ng	98
20) 3+4-Methylphenols	7.13	107	436936	40.509	ng	99
22) Acetophenone	7.12	105	580963	40.184	ng	97
24) Nitrobenzene	7.29	77	470234	42.190	ng	95
25) Isophorone	7.53	82	809306	39.099	ng	97
26) 2-Nitrophenol	7.60	139	194987	33.097	ng	96
27) 2,4-Dimethylphenol	7.65	122	352593	41.606	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	534116	40.976	ng	100
29) 2,4-Dichlorophenol	7.85	162	367188	39.982	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	400521	40.423	ng	98
31) Naphthalene	8.01	128	1249786	40.342	ng	99
32) Benzoic acid	7.80	122	49202	7.213	ng	95
33) 4-Chloroaniline	8.06	127	521093	43.135	ng	98
34) Hexachlorobutadiene	8.13	225	238014	40.417	ng	99
35) Caprolactam	8.44	113	112336	38.113	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	363335	39.334	ng	97
37) 2-Methylnaphthalene	8.70	142	798897	41.329	ng	100
38) 1-Methylnaphthalene	8.80	142	781111	42.011	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	387591	42.648	ng	99

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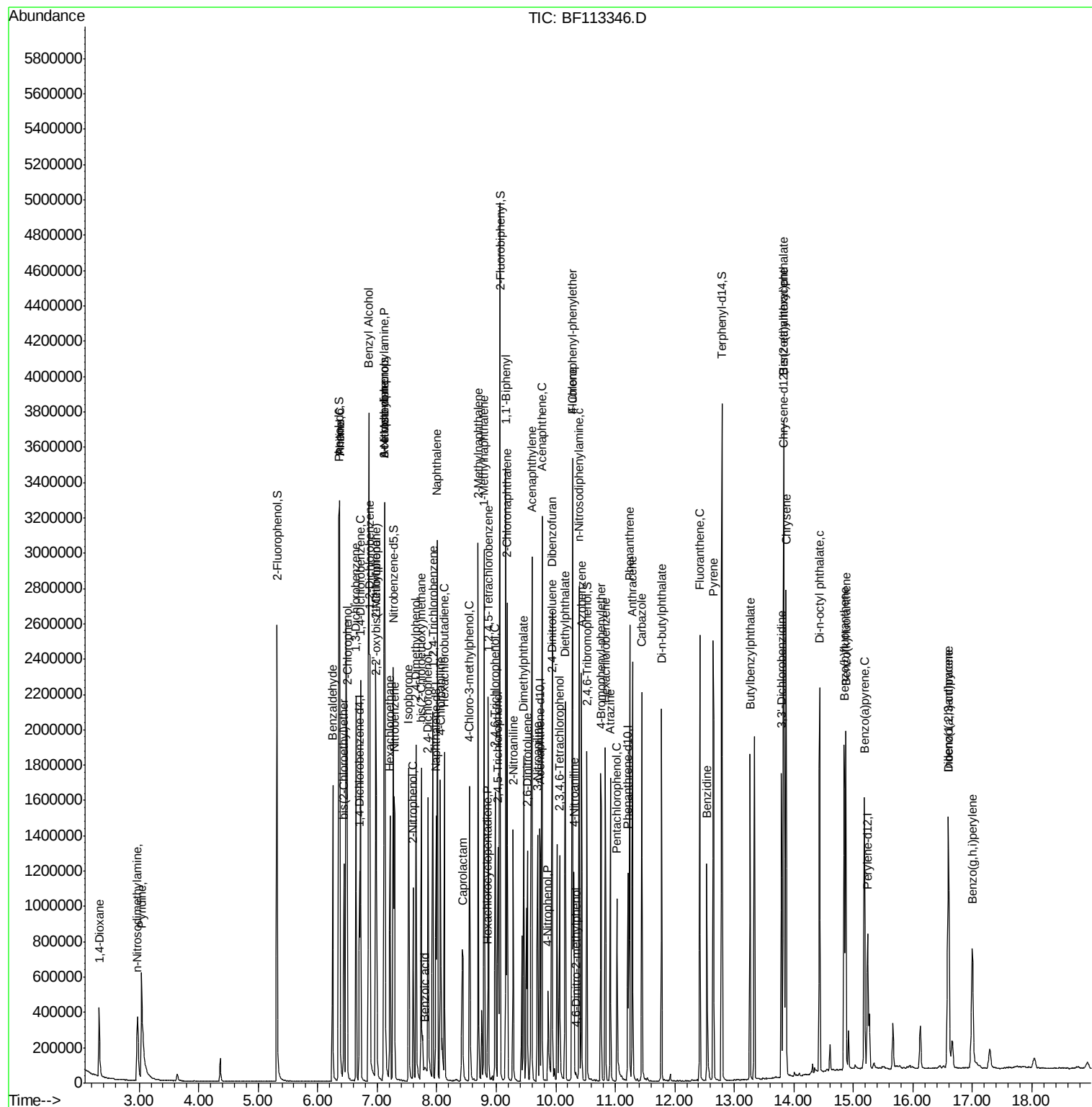
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	16317	4.242	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	226945	38.347	ng	96
44) 2,4,5-Trichlorophenol	9.03	196	236172	36.059	ng	98
46) 1,1'-Biphenyl	9.16	154	979104	41.406	ng	99
47) 2-Chloronaphthalene	9.19	162	749584	41.172	ng	99
48) 2-Nitroaniline	9.29	65	244329	42.764	ng	94
49) Acenaphthylene	9.60	152	1203753	40.891	ng	100
50) Dimethylphthalate	9.46	163	854042	40.704	ng	100
51) 2,6-Dinitrotoluene	9.53	165	178076	37.621	ng	88
52) Acenaphthene	9.77	154	674811	40.705	ng	99
53) 3-Nitroaniline	9.69	138	228100	42.732	ng	93
55) Dibenzofuran	9.94	168	1012876	40.641	ng	99
56) 4-Nitrophenol	9.87	139	111383	29.268	ng	95
57) 2,4-Dinitrotoluene	9.93	165	207881	34.535	ng	98
58) Fluorene	10.28	166	743826	38.419	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	186082	33.597	ng	98
60) Diethylphthalate	10.16	149	801212	38.926	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	371487	39.369	ng	95
62) 4-Nitroaniline	10.30	138	209580	38.134	ng	97
63) Azobenzene	10.43	77	750642	38.742	ng	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	5407	2.079	ng	96
66) n-Nitrosodiphenylamine	10.39	169	670330	45.953	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	234526	45.264	ng	93
68) Hexachlorobenzene	10.83	284	265036	44.069	ng	98
69) Atrazine	10.92	200	194381	42.218	ng	97
70) Pentachlorophenol	11.03	266	164577	52.524	ng	99
71) Phenanthrene	11.24	178	996857	42.226	ng	99
72) Anthracene	11.29	178	1026292	42.799	ng	99
73) Carbazole	11.45	167	940147	41.088	ng	99
74) Di-n-butylphthalate	11.77	149	1125484	42.417	ng	100
75) Fluoranthene	12.42	202	1034985	38.781	ng	100
77) Benzidine	12.54	184	540755	35.208	ng	99
78) Pyrene	12.64	202	1062741	38.238	ng	99
80) Butylbenzylphthalate	13.26	149	439229	35.860	ng	99
81) Benzo(a)anthracene	13.83	228	942829	41.068	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	387505	42.075	ng	99
83) Chrysene	13.87	228	958611	41.109	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	532856	35.488	ng	99
85) Di-n-octyl phthalate	14.43	149	1008467	39.567	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	742333	37.093	ng	98
88) Benzo(b)fluoranthene	14.84	252	860057	39.983	ng	98
89) Benzo(k)fluoranthene	14.87	252	841281	44.536	ng	99
90) Benzo(a)pyrene	15.19	252	767903	40.268	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	620032	37.603	ng	99
92) Benzo(g,h,i)perylene	17.00	276	594704	35.771	ng	98

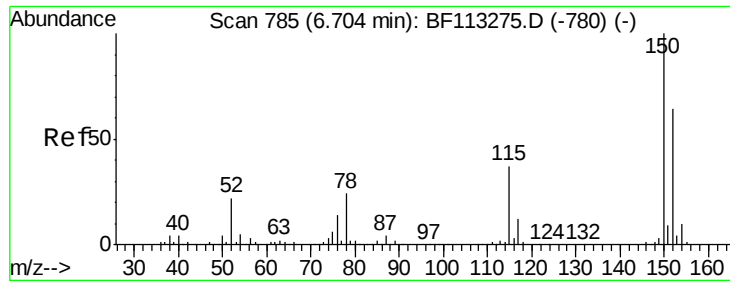
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

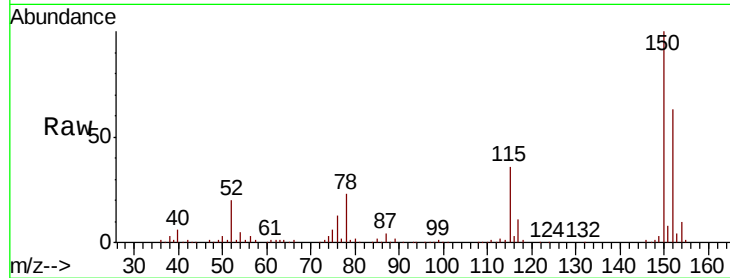
Tgt Ion:152 Resp: 165665

Ion Ratio Lower Upper

152 100

150 157.6 124.7 187.1

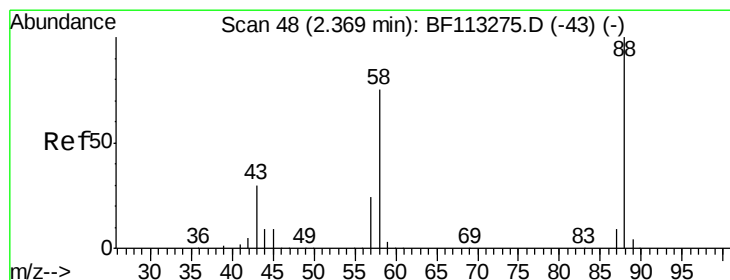
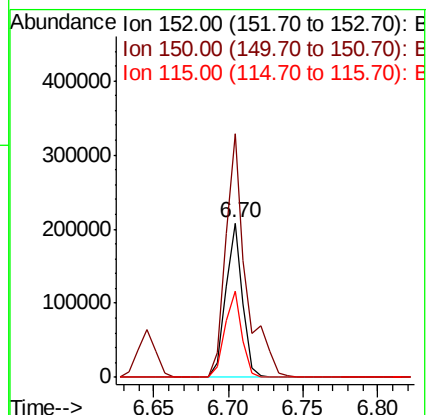
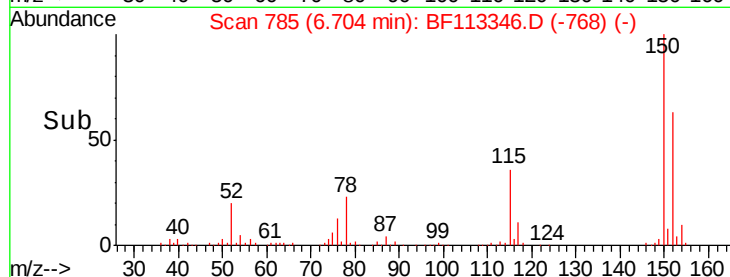
115 56.1 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.562 ng

RT: 2.33 min Scan# 41

Delta R.T. -0.04 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

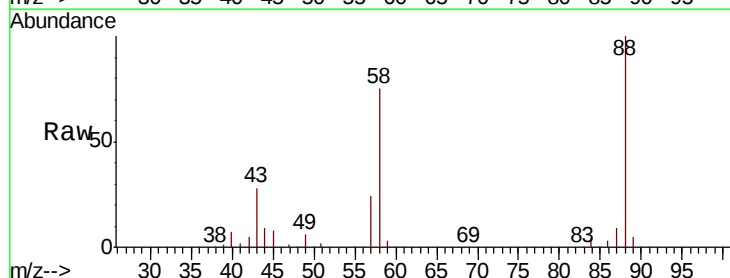
Tgt Ion: 88 Resp: 193085

Ion Ratio Lower Upper

88 100

58 76.4 61.9 92.9

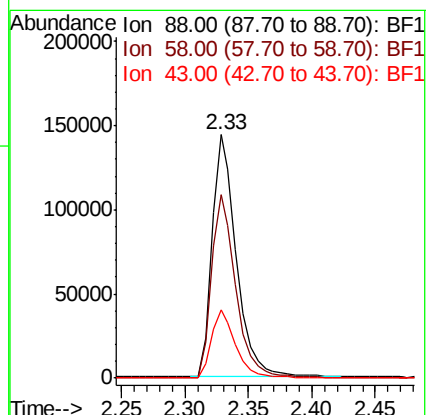
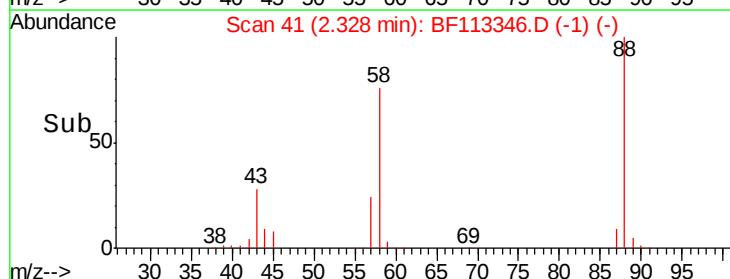
43 29.0 24.2 36.4

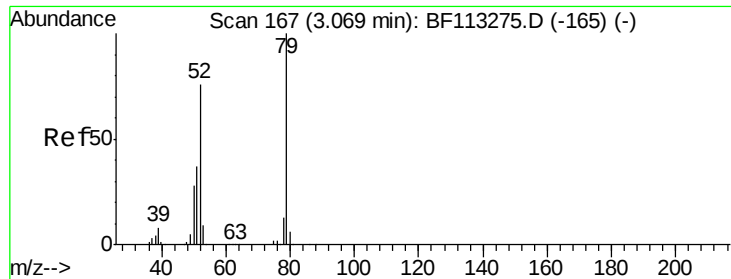


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 40.824 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.03 min

Lab File: BF113346.D

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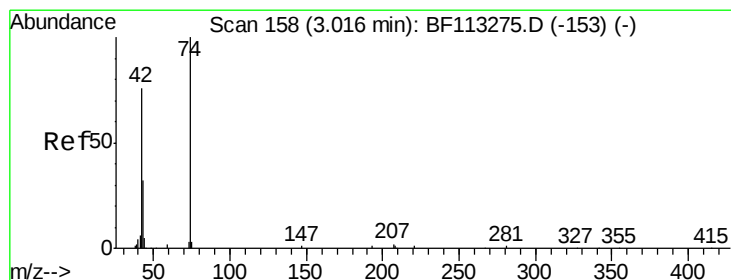
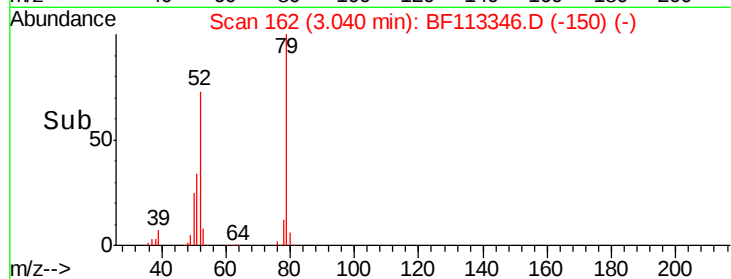
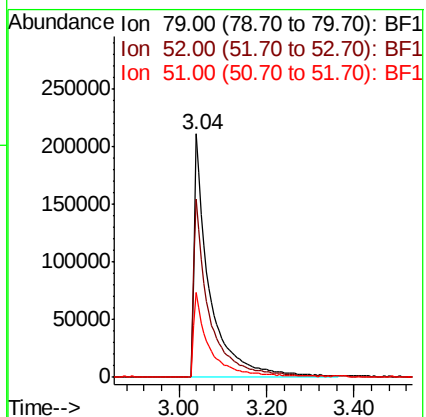
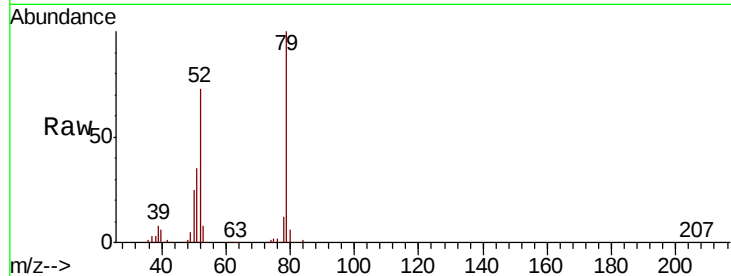
Tgt Ion: 79 Resp: 517343

Ion Ratio Lower Upper

79 100

52 73.3 61.0 91.4

51 34.8 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 37.800 ng

RT: 2.98 min Scan# 151

Delta R.T. -0.04 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

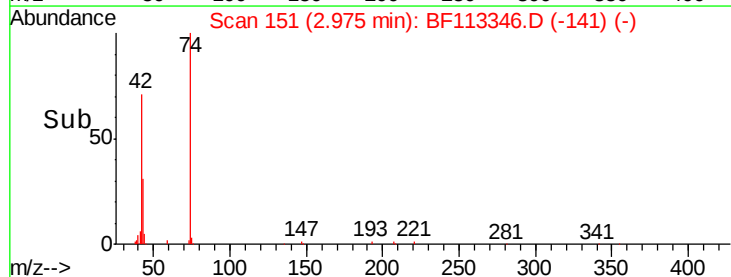
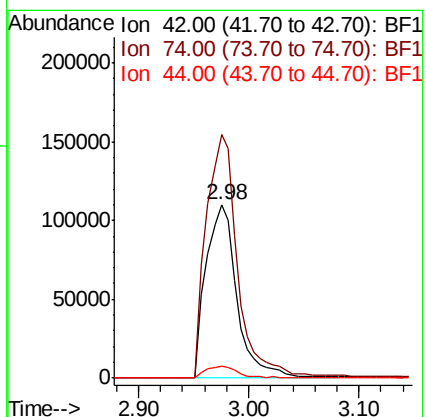
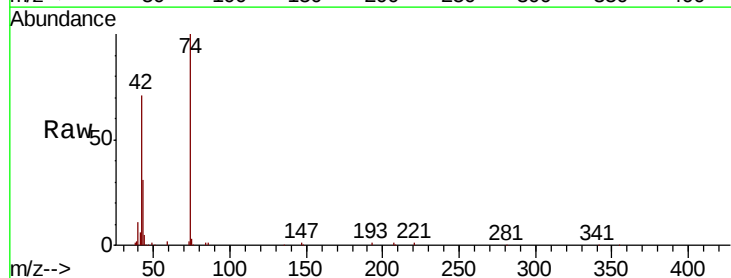
Tgt Ion: 42 Resp: 212949

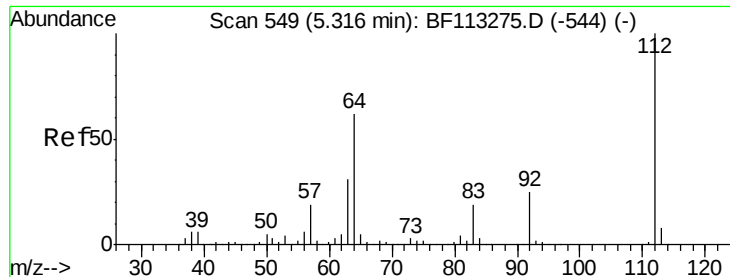
Ion Ratio Lower Upper

42 100

74 140.4 102.4 153.6

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 78.940 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113346.D

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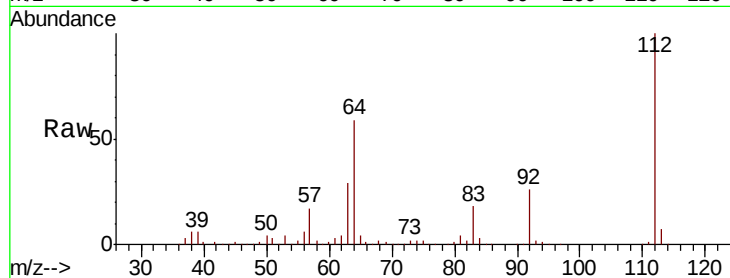
Tgt Ion: 112 Resp: 799789

Ion Ratio Lower Upper

112 100

64 59.0 49.2 73.8

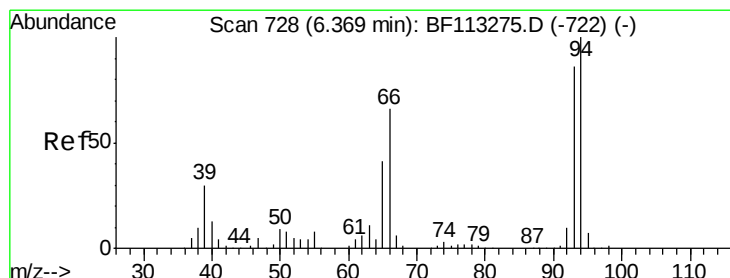
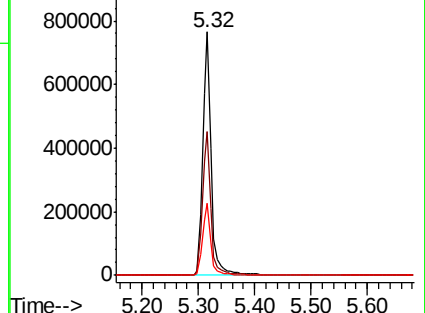
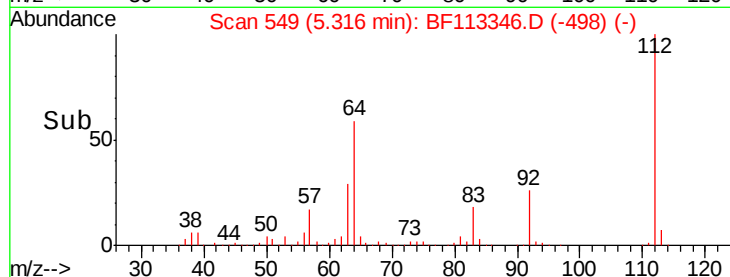
63 29.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.802 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

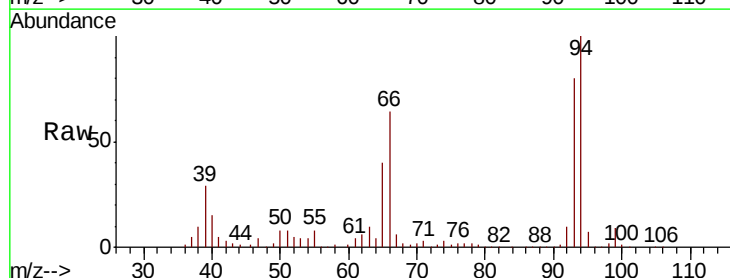
Tgt Ion: 93 Resp: 605639

Ion Ratio Lower Upper

93 100

66 79.3 62.1 93.1

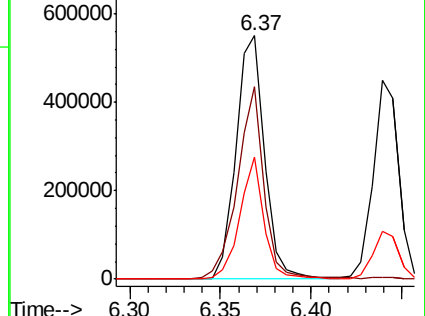
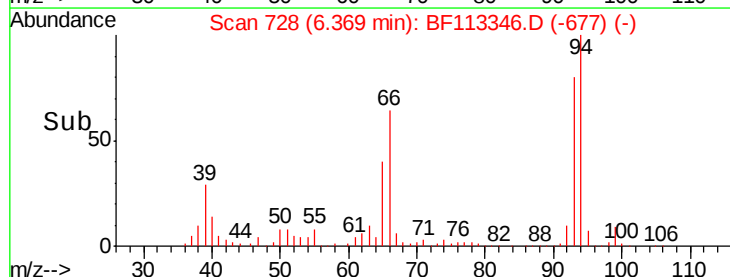
65 50.2 38.7 58.1

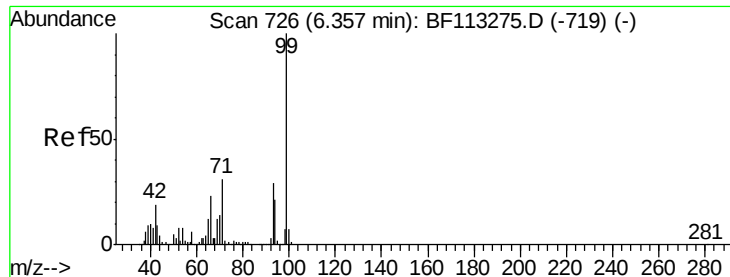


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.743 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

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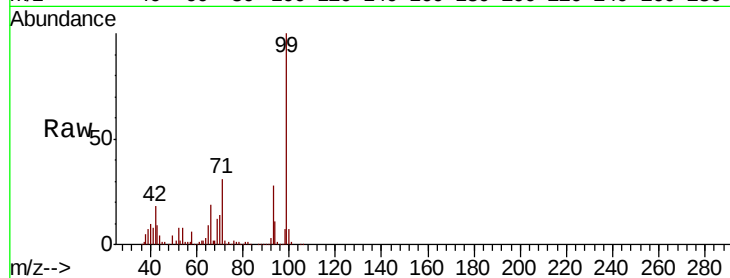
Tgt Ion: 99 Resp: 970809

Ion Ratio Lower Upper

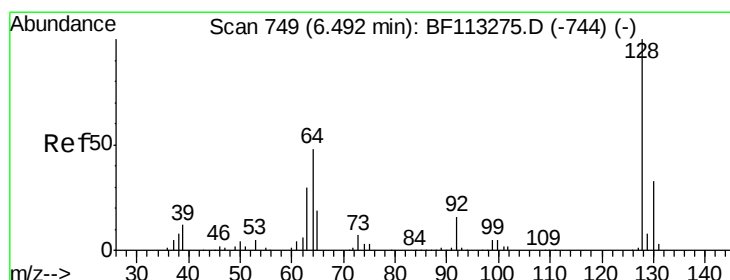
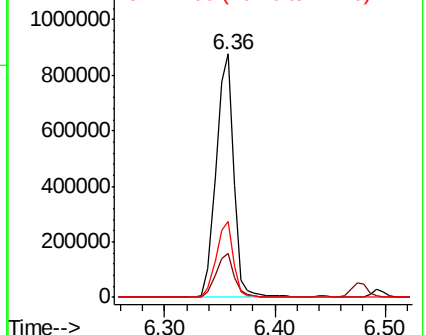
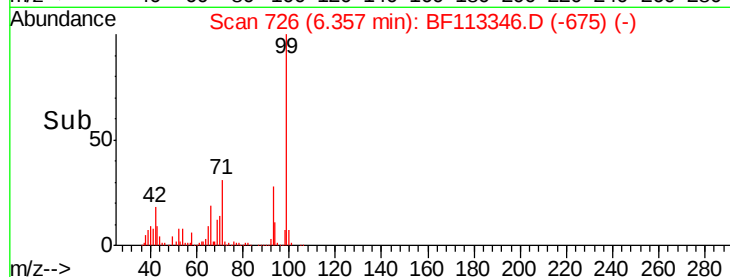
99 100

42 17.8 14.8 22.2

71 31.1 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.095 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

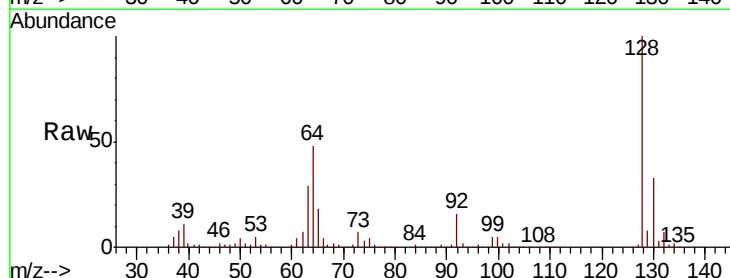
Tgt Ion: 128 Resp: 459973

Ion Ratio Lower Upper

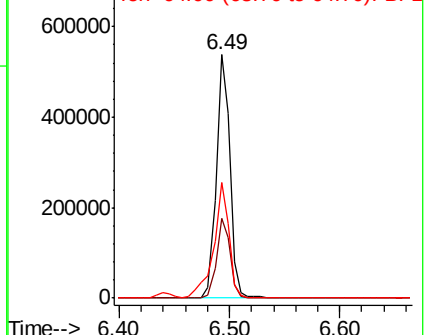
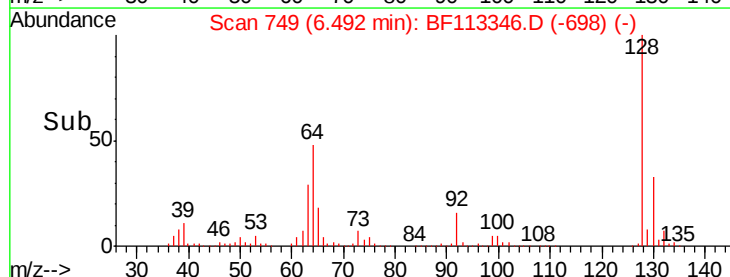
128 100

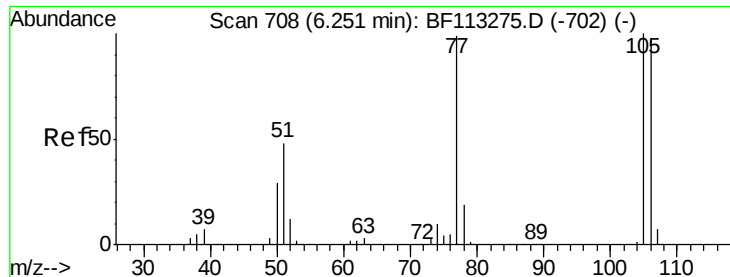
130 32.6 12.6 52.6

64 47.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

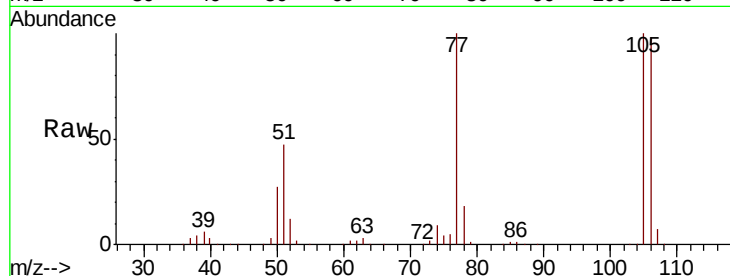




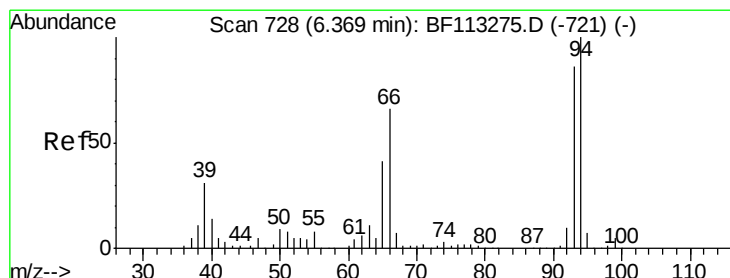
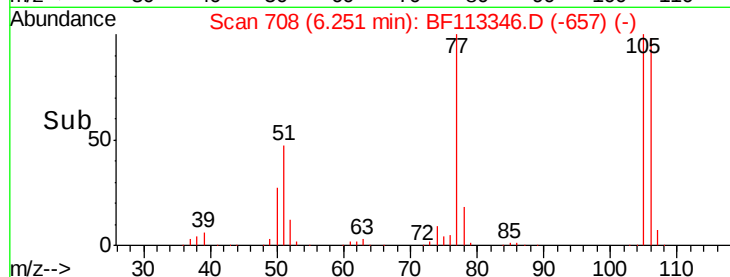
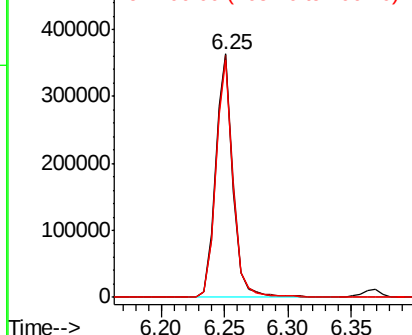
#9
Benzaldehyde
Concen: 40.559 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
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Tgt Ion: 77 Resp: 348841
Ion Ratio Lower Upper
77 100
105 99.8 80.9 120.9
106 97.6 77.8 117.8

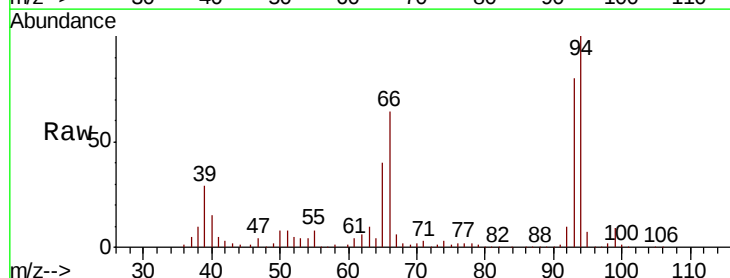


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

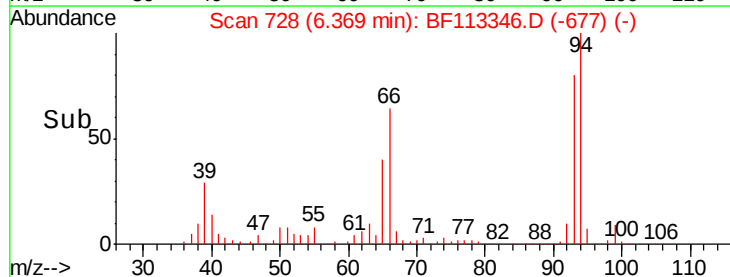
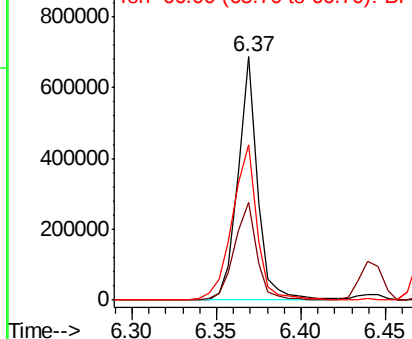


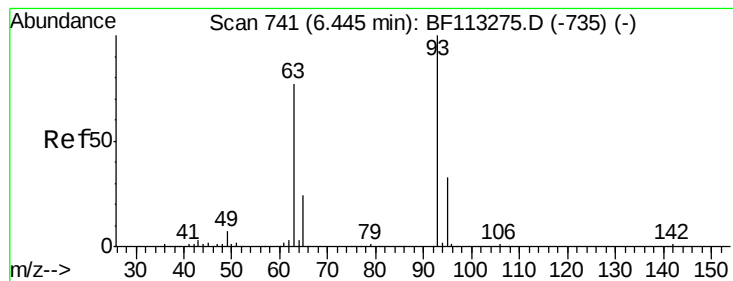
#10
Phenol
Concen: 37.856 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion: 94 Resp: 553935
Ion Ratio Lower Upper
94 100
65 40.2 21.4 61.4
66 63.5 46.4 86.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.426 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

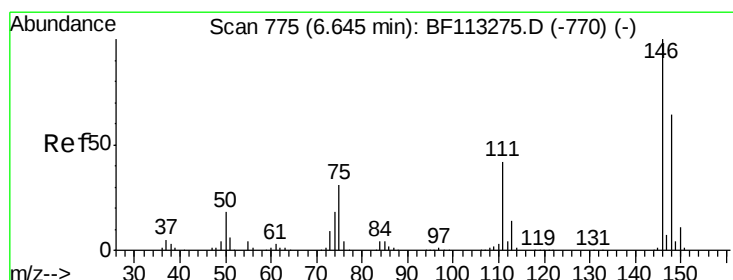
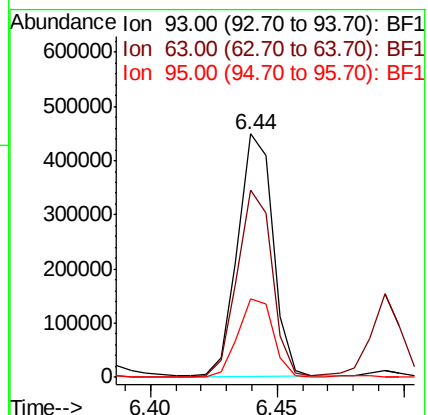
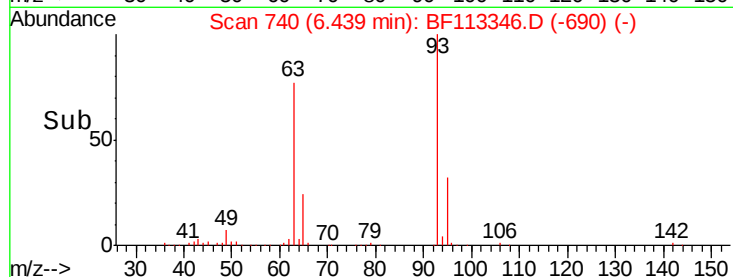
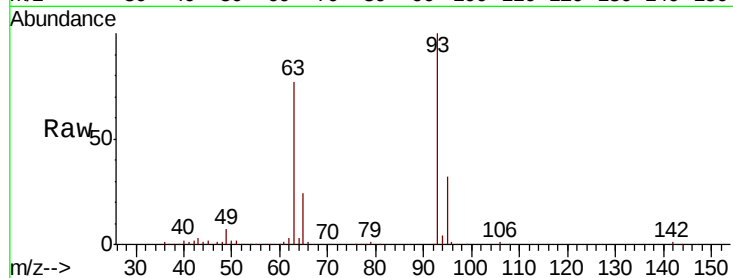
Tgt Ion: 93 Resp: 430997

Ion Ratio Lower Upper

93 100

63 76.9 56.1 96.1

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.401 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

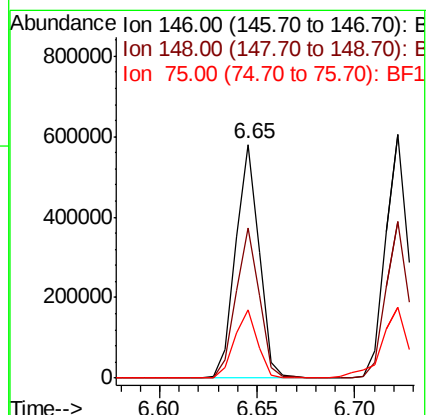
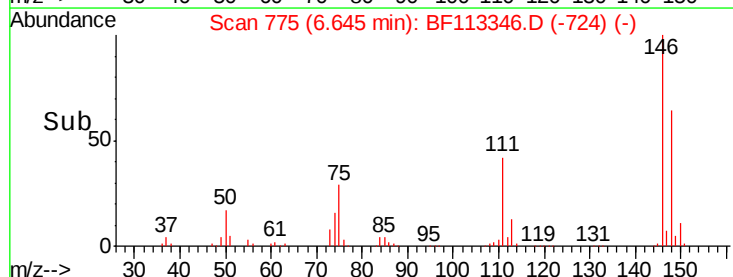
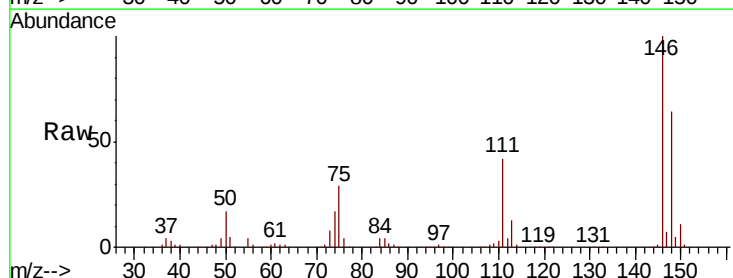
Tgt Ion: 146 Resp: 487016

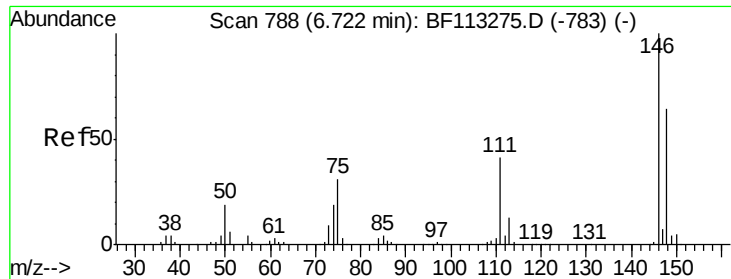
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

75 29.0 24.8 37.2

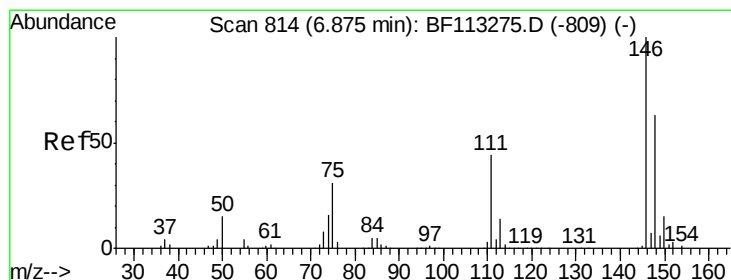
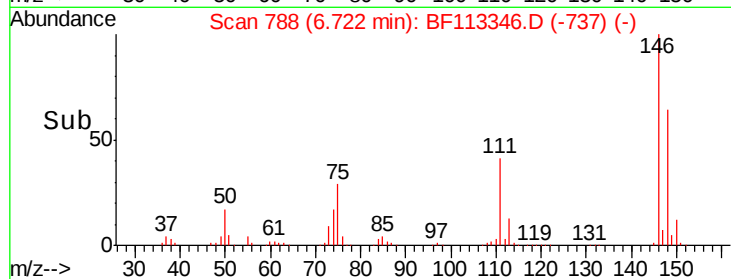
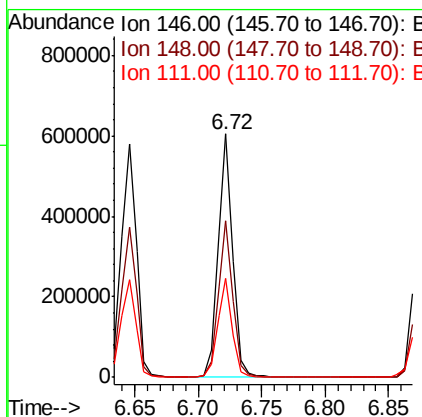
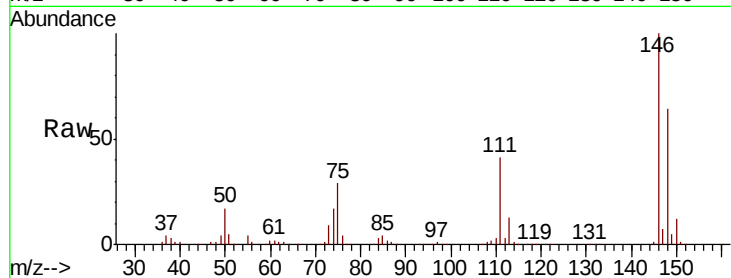




#13
 1,4-Dichlorobenzene
 Concen: 40.126 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

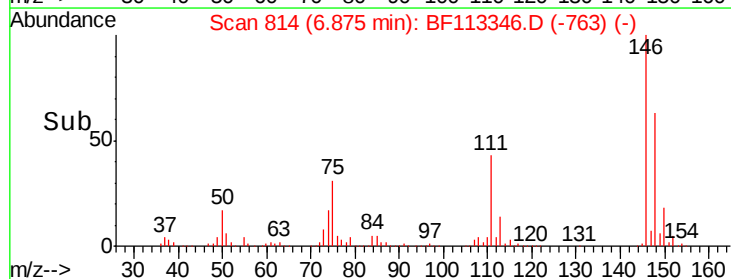
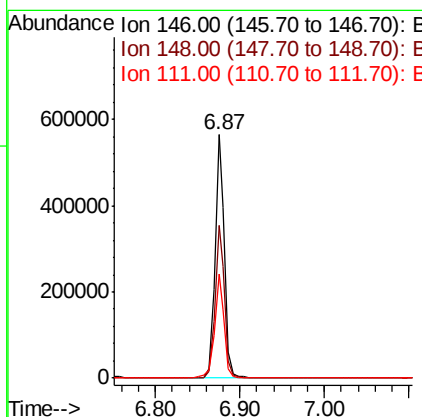
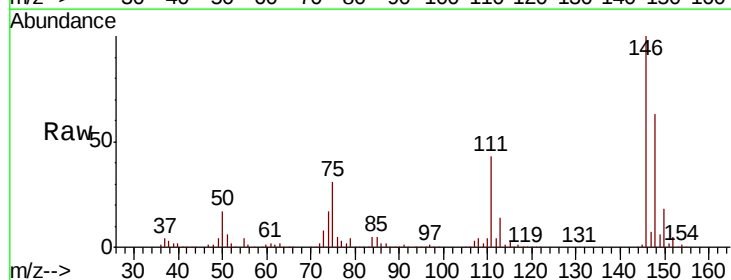
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

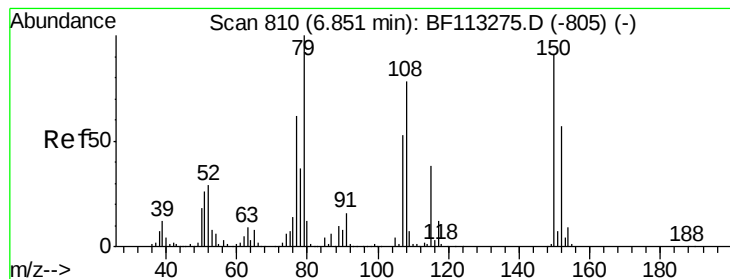
Tgt Ion:146 Resp: 491349
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 40.6 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 37.586 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

Tgt Ion:146 Resp: 452800
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.2 75.4
 111 42.9 35.4 53.2





#15

Benzyl Alcohol

Concen: 40.984 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

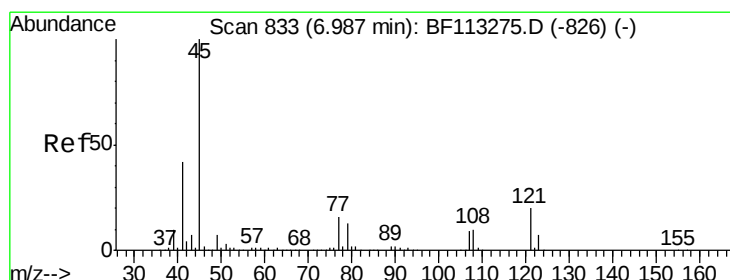
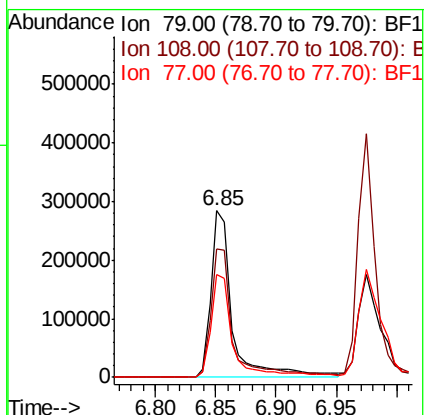
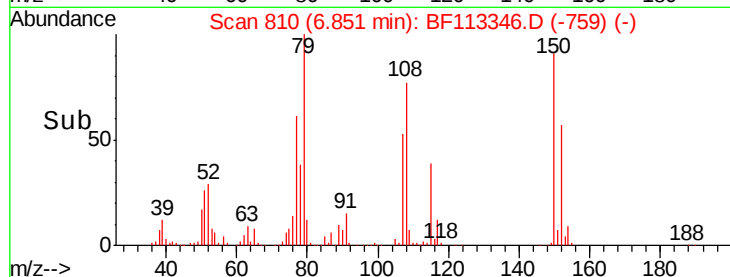
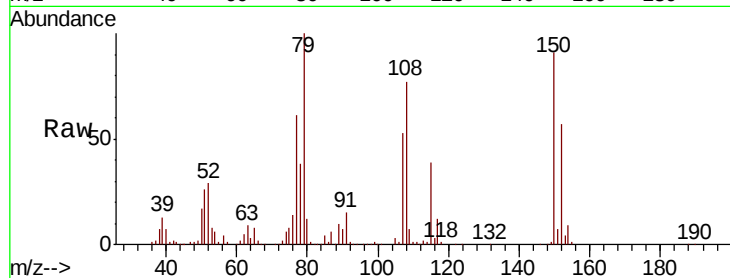
Tgt Ion: 79 Resp: 346548

Ion Ratio Lower Upper

79 100

108 77.3 62.0 93.0

77 61.4 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.892 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

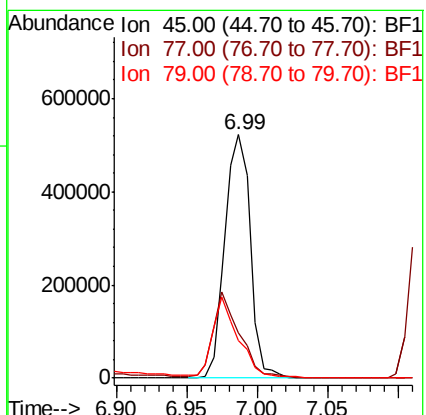
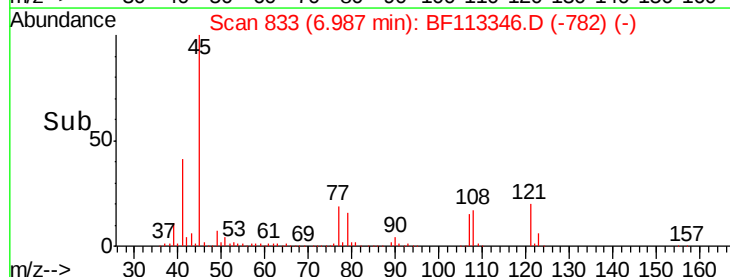
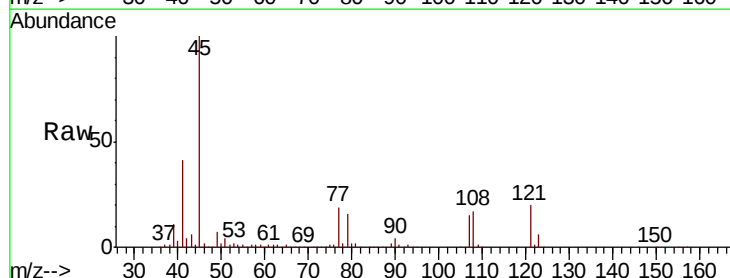
Tgt Ion: 45 Resp: 655327

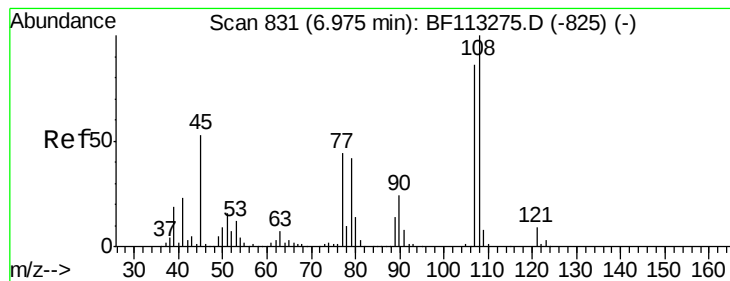
Ion Ratio Lower Upper

45 100

77 18.8 0.0 36.6

79 15.6 0.0 34.0





#17

2-Methylphenol

Concen: 38.631 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 356192

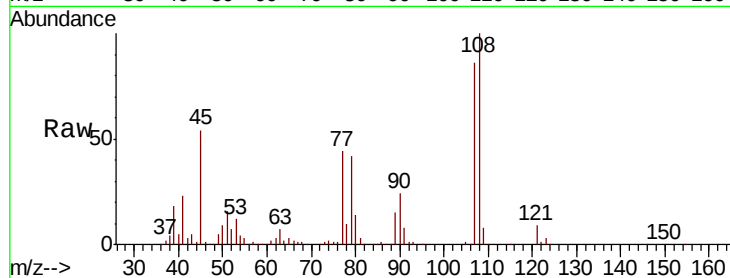
Ion Ratio Lower Upper

107 100

108 116.3 93.4 140.0

77 51.5 41.2 61.8

79 48.9 40.1 60.1

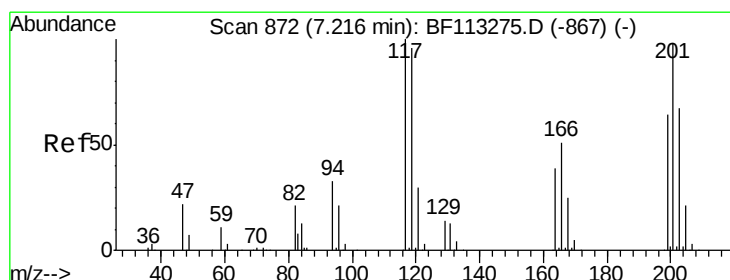
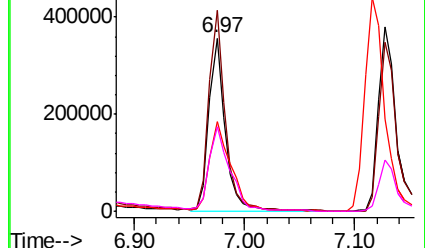
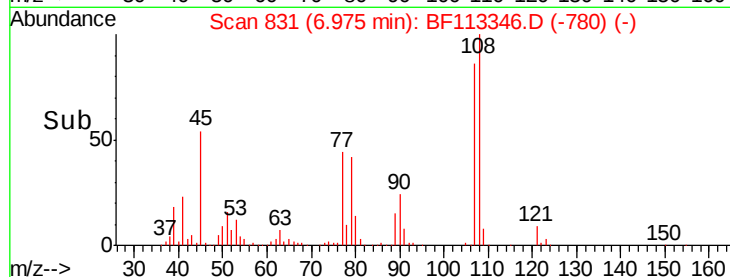


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.167 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

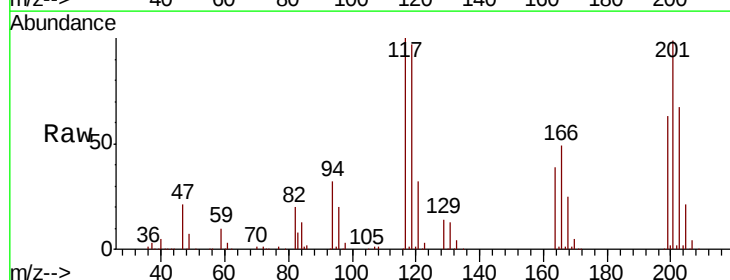
Tgt Ion:117 Resp: 150272

Ion Ratio Lower Upper

117 100

119 96.5 76.9 115.3

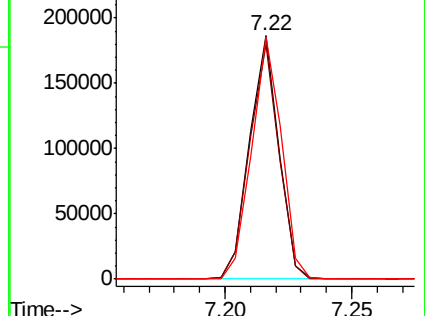
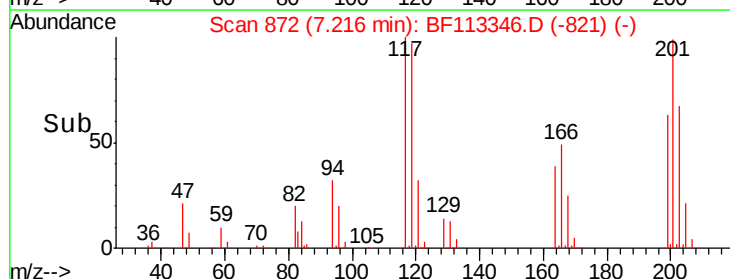
201 99.4 78.7 118.1

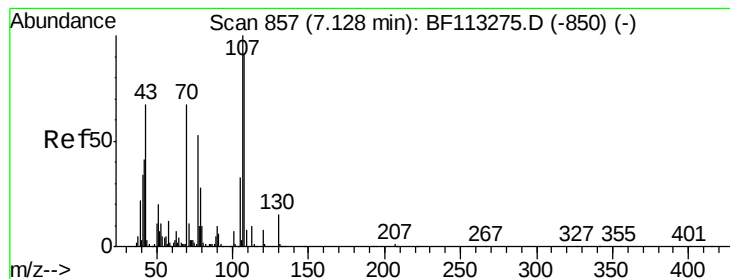


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.918 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 289176

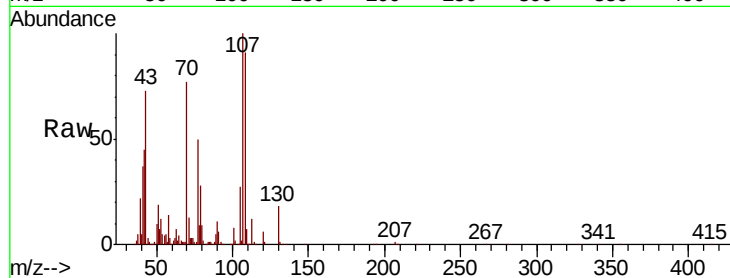
Ion Ratio Lower Upper

70 100

42 58.1 48.4 72.6

101 10.0 7.8 11.8

130 23.0 18.2 27.4

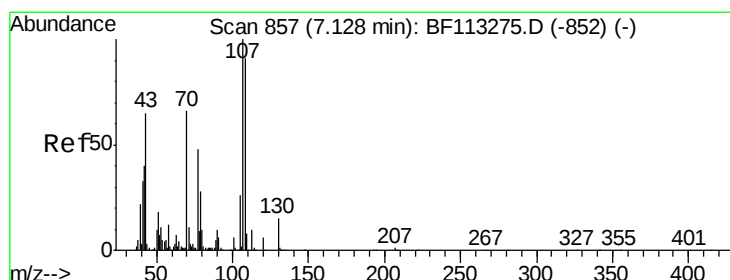
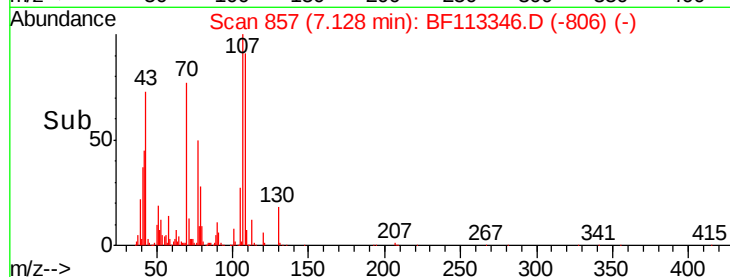
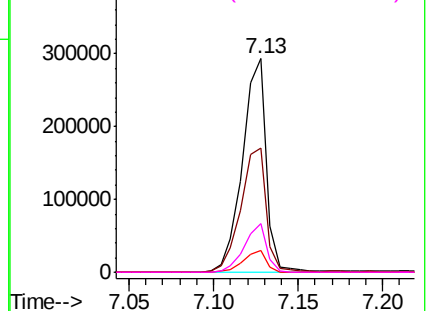


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 40.509 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Tgt Ion: 107 Resp: 436936

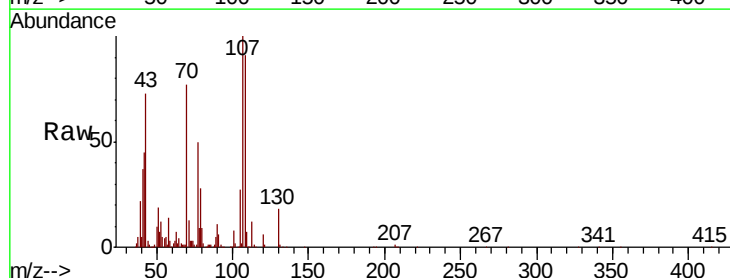
Ion Ratio Lower Upper

107 100

108 91.4 71.4 111.4

77 50.3 33.5 73.5

79 27.9 8.3 48.3

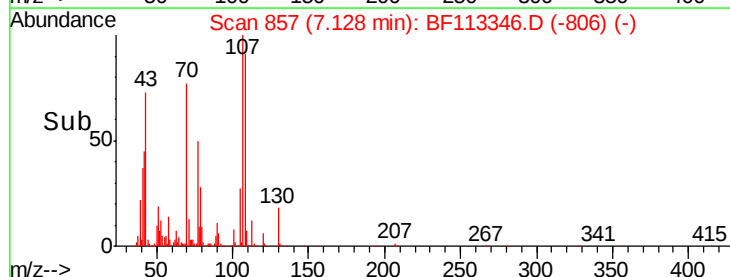
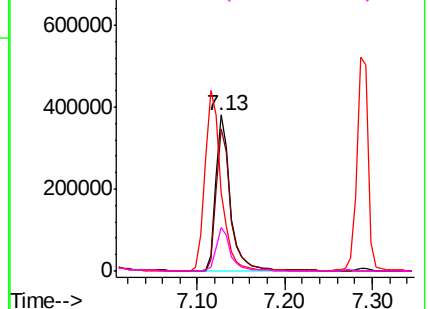


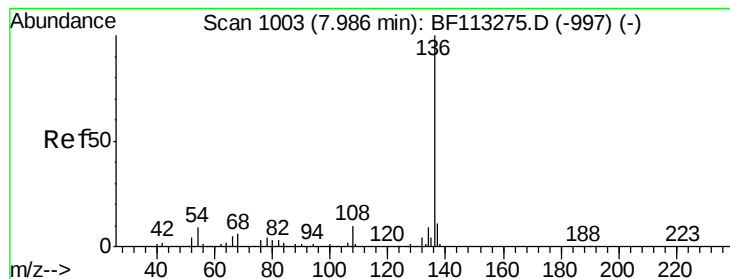
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 633951

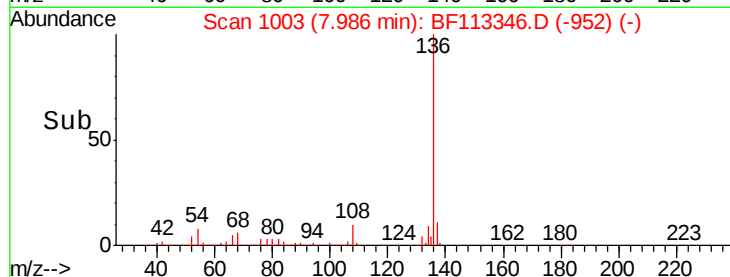
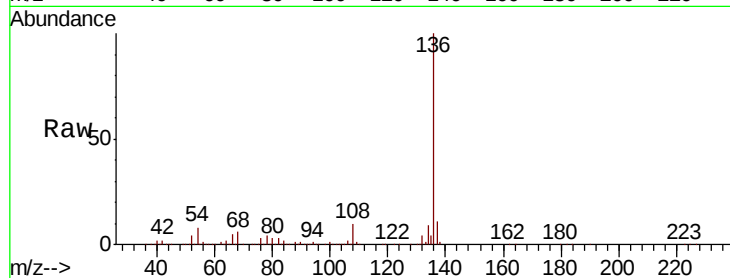
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.4 7.0 10.6

68 6.4 4.8 7.2

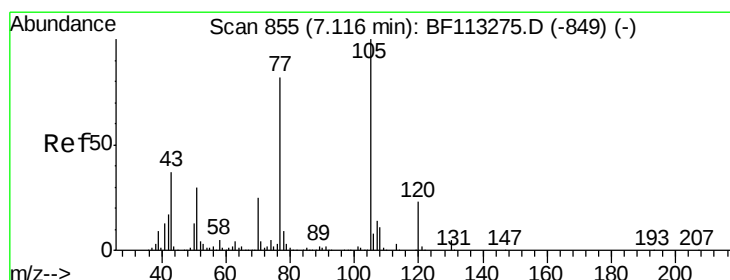
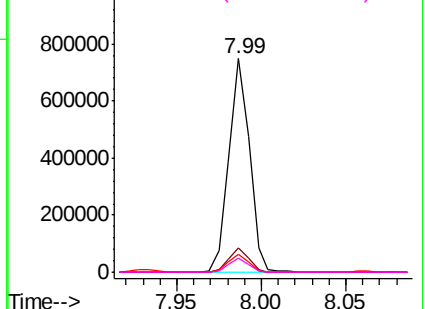


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.184 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Tgt Ion:105 Resp: 580963

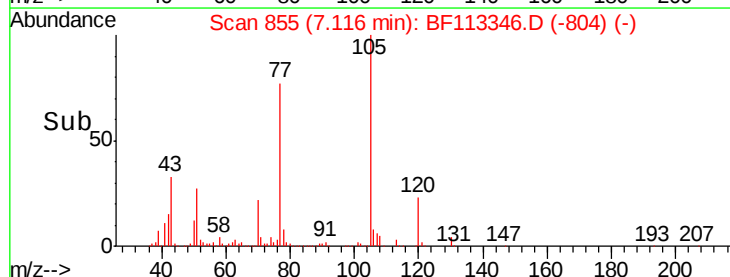
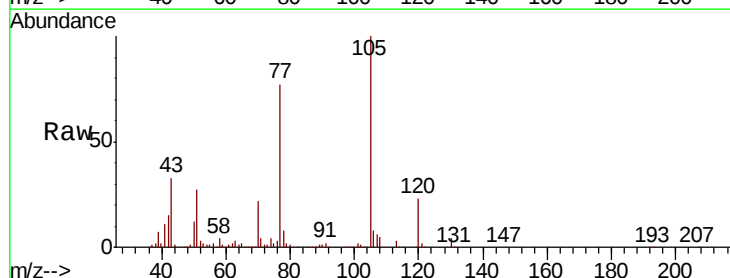
Ion Ratio Lower Upper

105 100

71 3.6 3.3 4.9

51 27.5 24.2 36.2

120 22.8 18.1 27.1

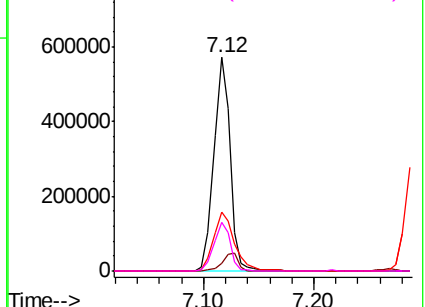


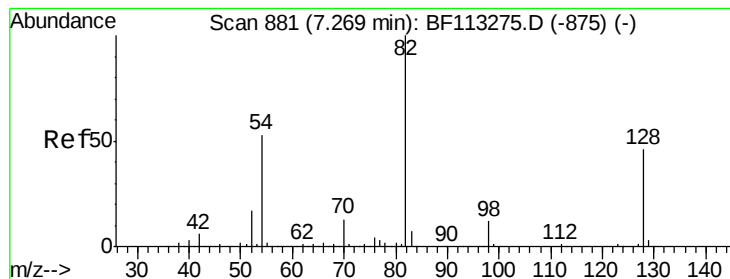
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.881 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

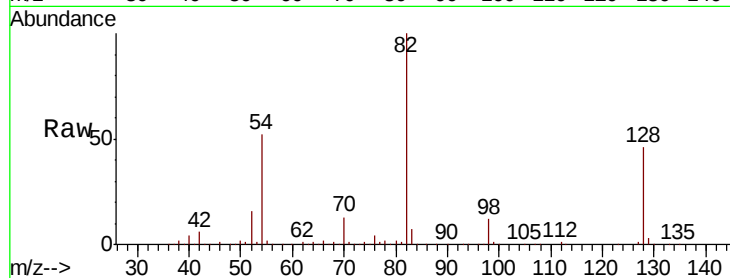
Tgt Ion: 82 Resp: 895921

Ion Ratio Lower Upper

82 100

128 45.6 36.5 54.7

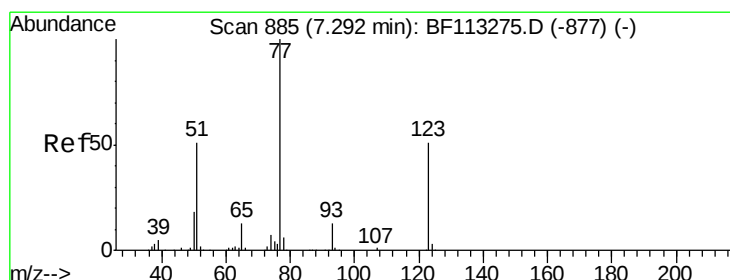
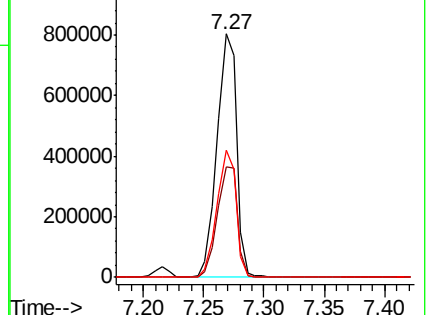
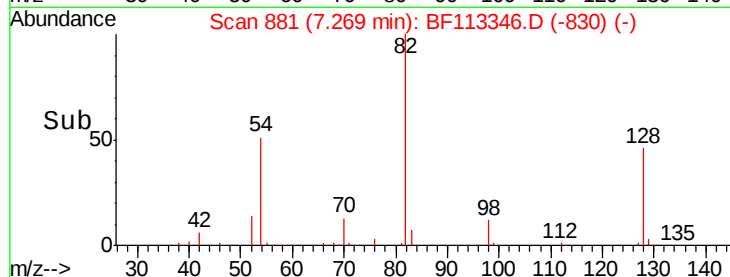
54 52.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.190 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

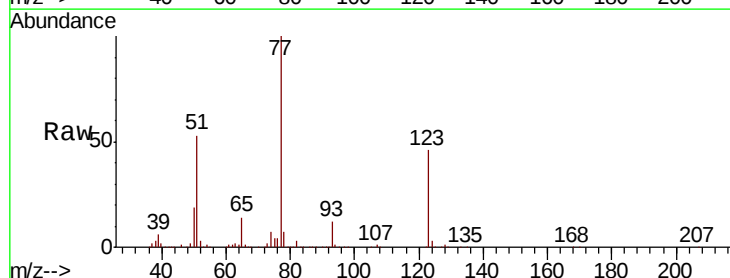
Tgt Ion: 77 Resp: 470234

Ion Ratio Lower Upper

77 100

123 46.5 40.8 61.2

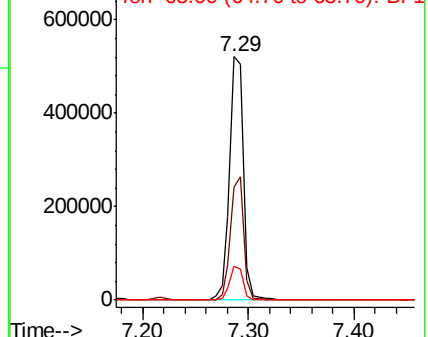
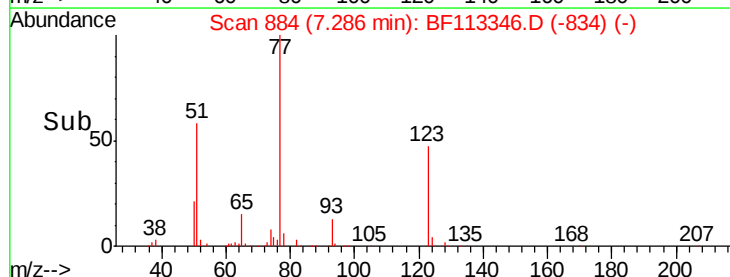
65 13.6 10.6 16.0

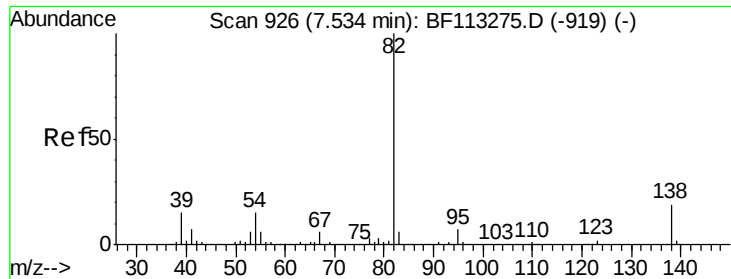


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

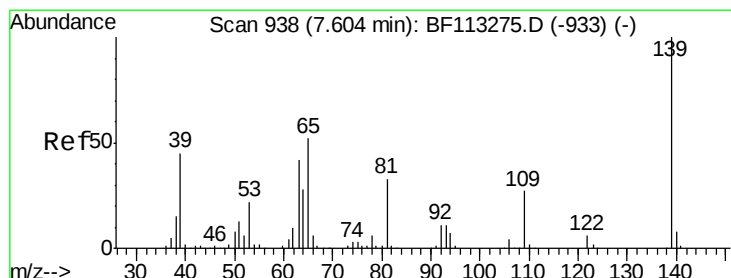
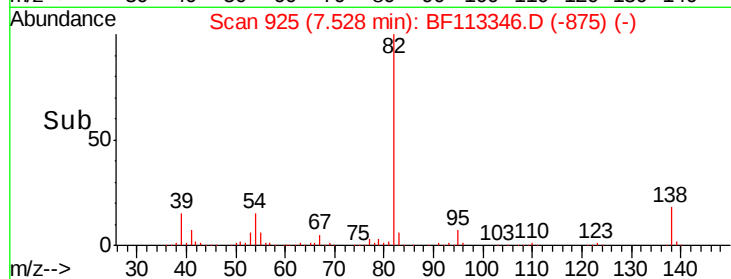
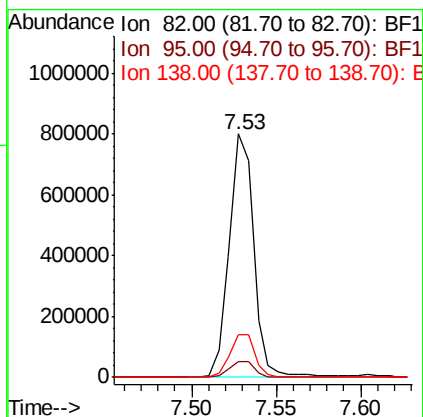
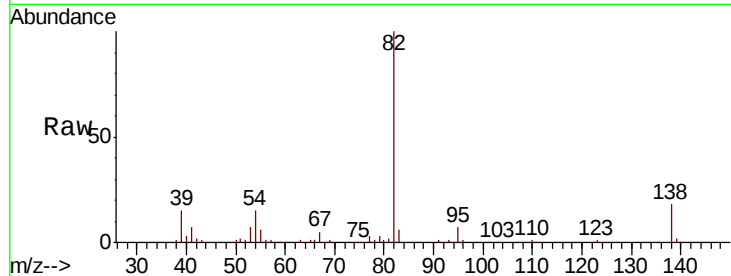




#25
Isophorone
Concen: 39.099 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

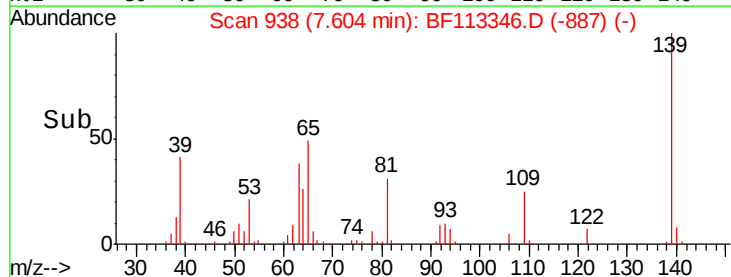
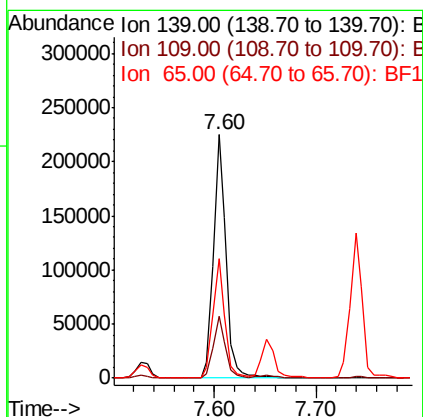
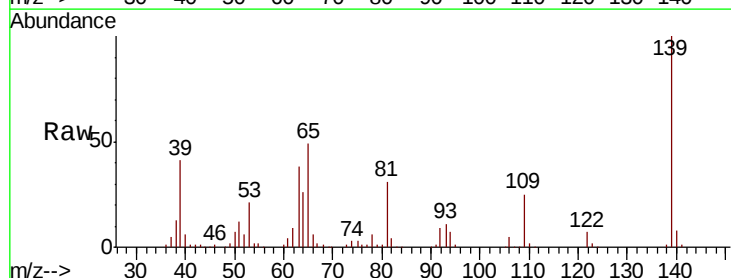
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

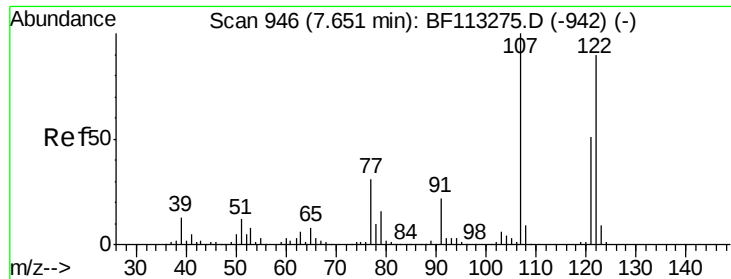
Tgt Ion: 82 Resp: 809306
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 17.6 15.2 22.8



#26
2-Nitrophenol
Concen: 33.097 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion: 139 Resp: 194987
Ion Ratio Lower Upper
139 100
109 25.3 21.7 32.5
65 49.2 41.6 62.4

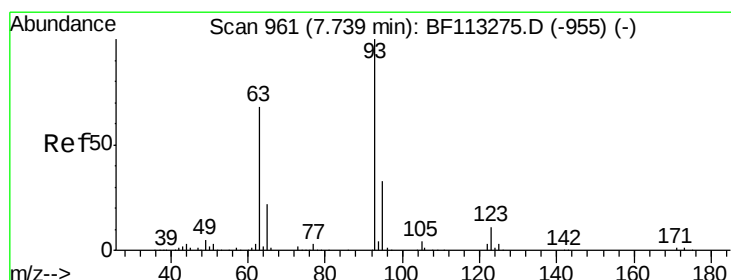
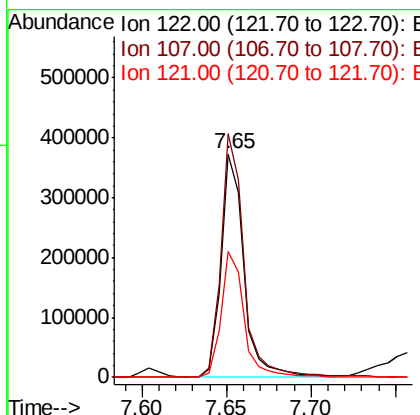
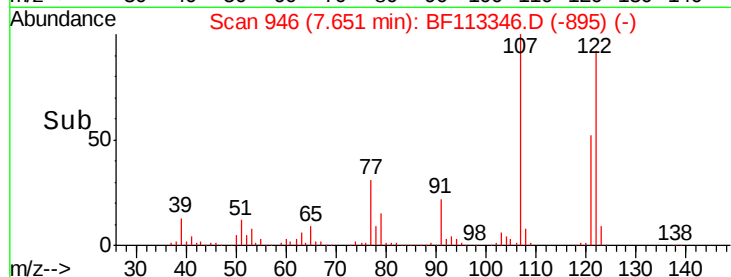
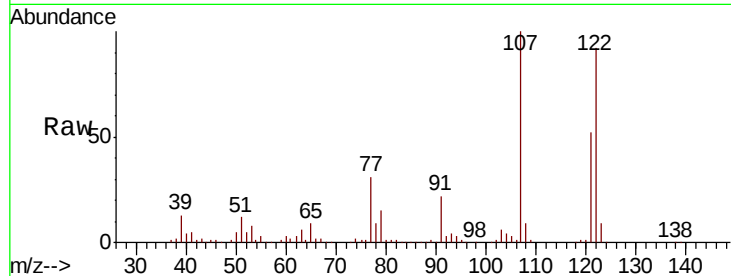




#27
2,4-Dimethylphenol
Concen: 41.606 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

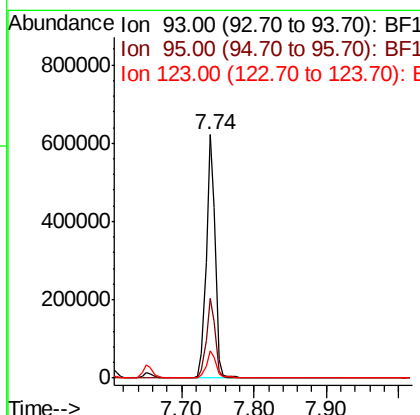
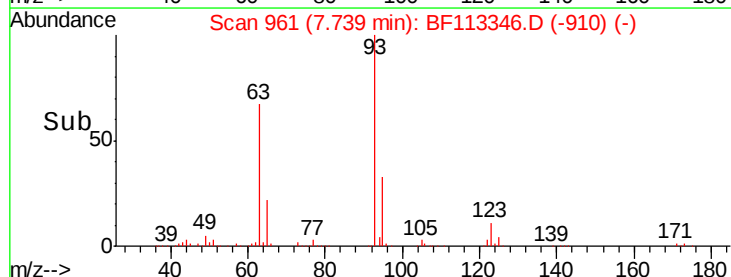
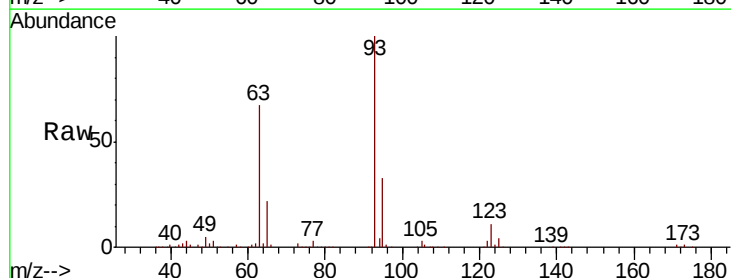
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

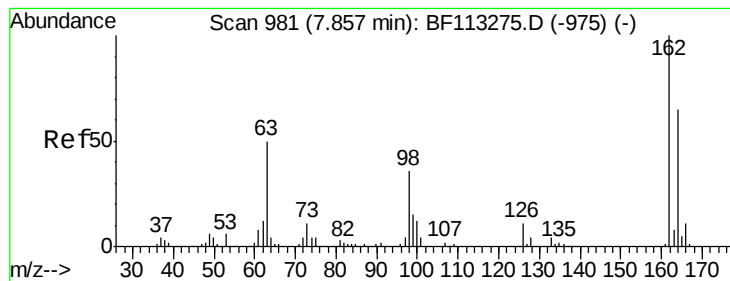
Tgt Ion:122 Resp: 352593
Ion Ratio Lower Upper
122 100
107 109.0 88.8 133.2
121 56.6 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.976 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion: 93 Resp: 534116
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 11.2 9.1 13.7

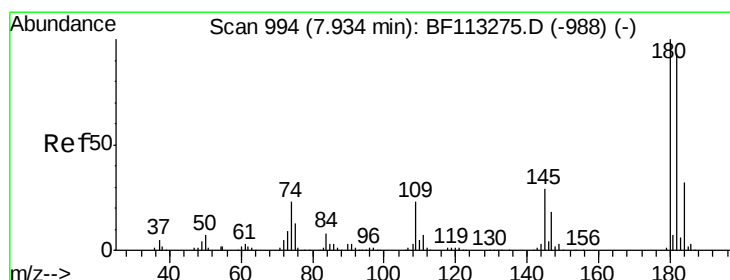
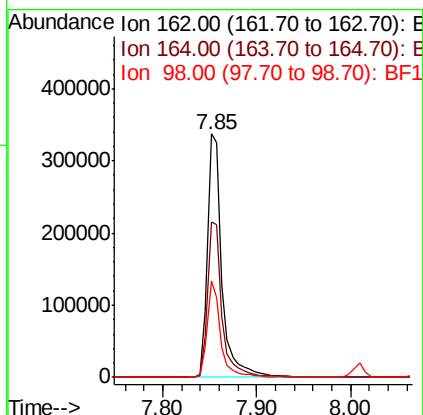
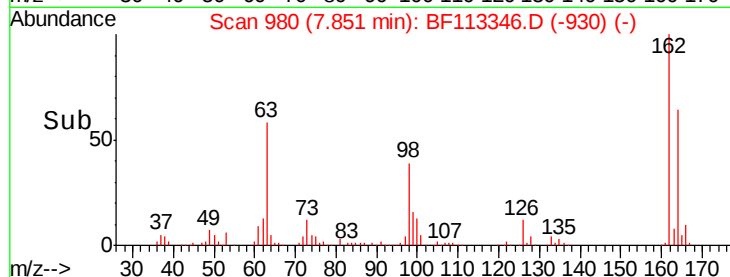
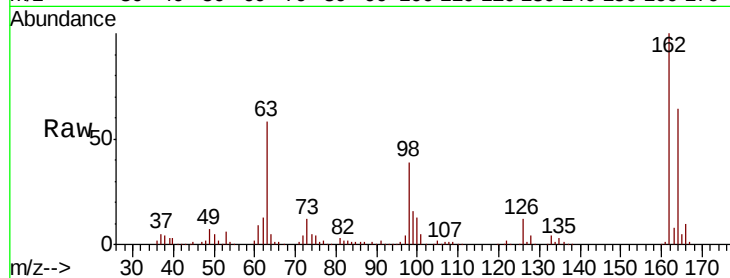




#29
2,4-Dichlorophenol
Concen: 39.982 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

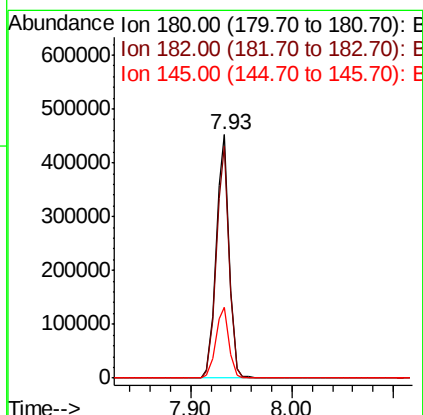
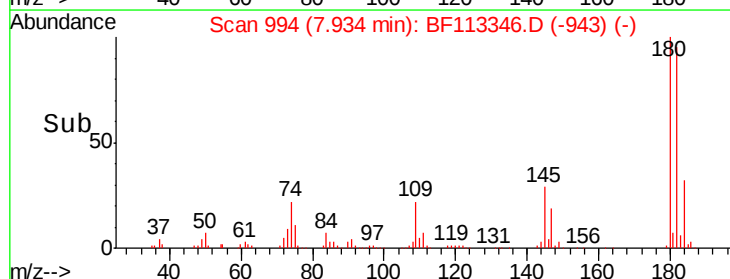
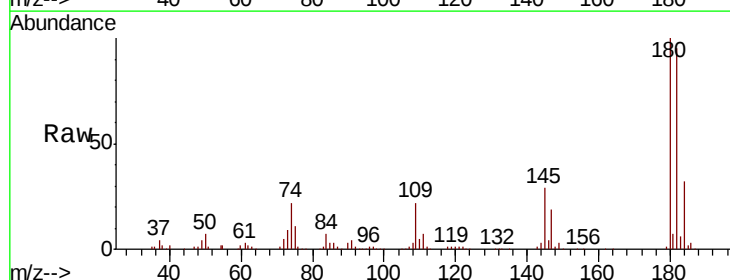
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

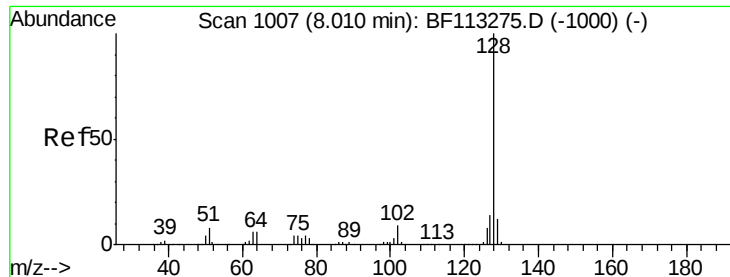
Tgt Ion:162 Resp: 367188
Ion Ratio Lower Upper
162 100
164 63.6 44.6 84.6
98 39.4 15.6 55.6



#30
1,2,4-Trichlorobenzene
Concen: 40.423 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion:180 Resp: 400521
Ion Ratio Lower Upper
180 100
182 95.2 74.6 111.8
145 29.1 23.4 35.0

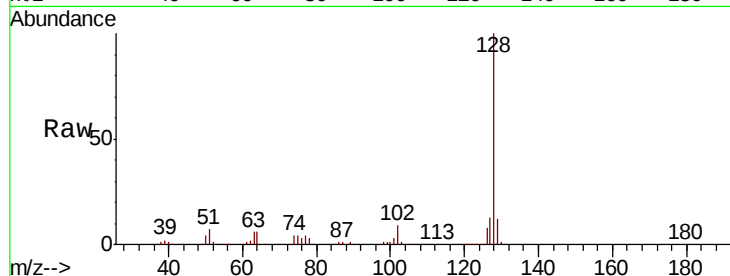




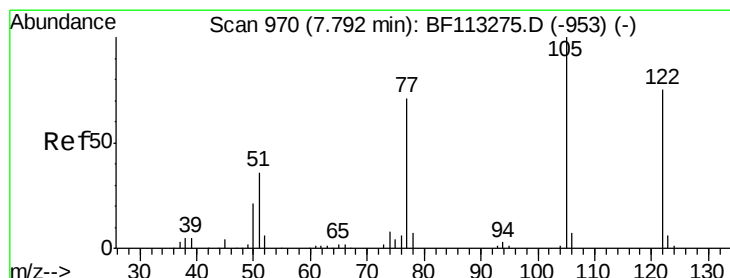
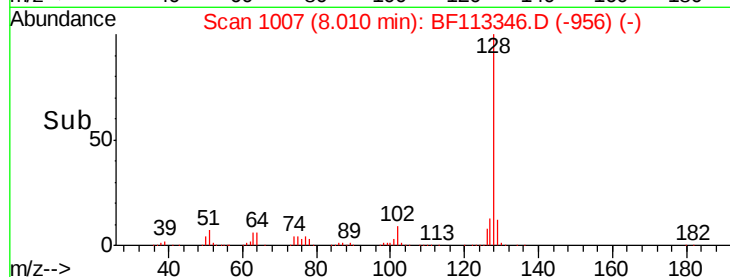
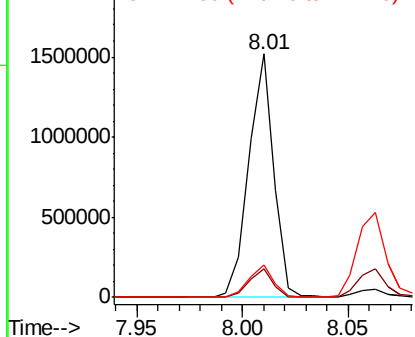
#31
Naphthalene
Concen: 40.342 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 1249786
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.3 10.9 16.3

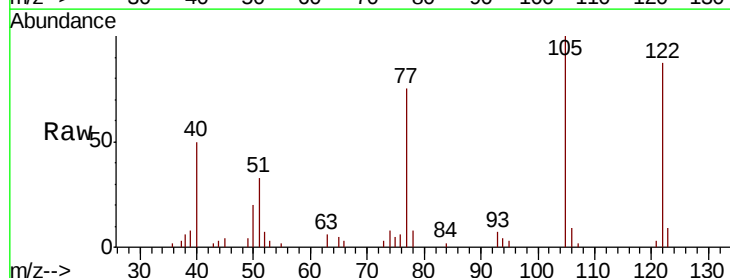


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

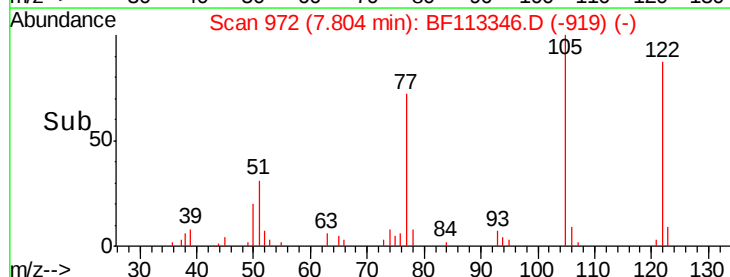
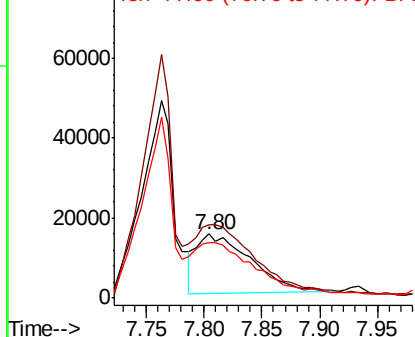


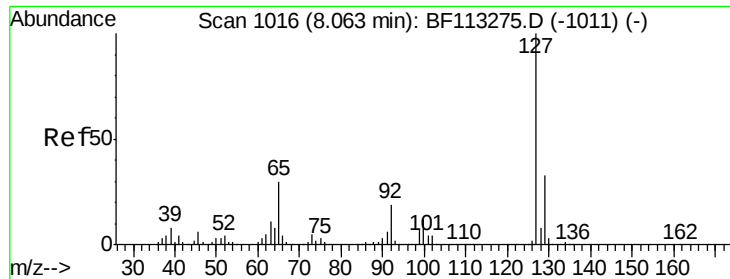
#32
Benzoic acid
Concen: 7.213 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion:122 Resp: 49202
Ion Ratio Lower Upper
122 100
105 114.3 100.4 140.4
77 85.9 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

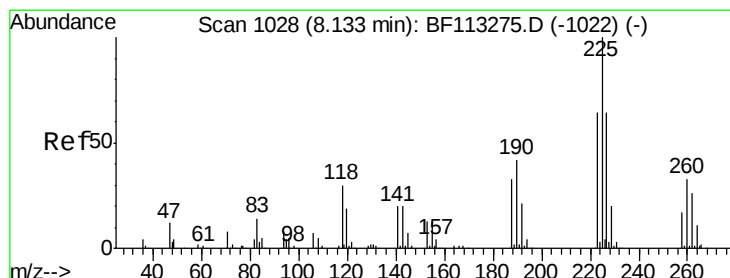
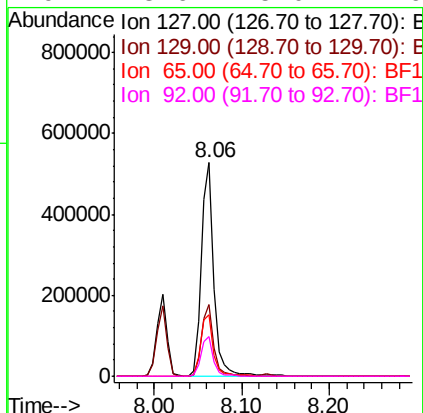
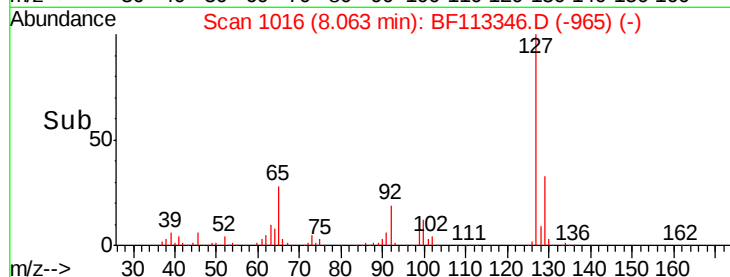
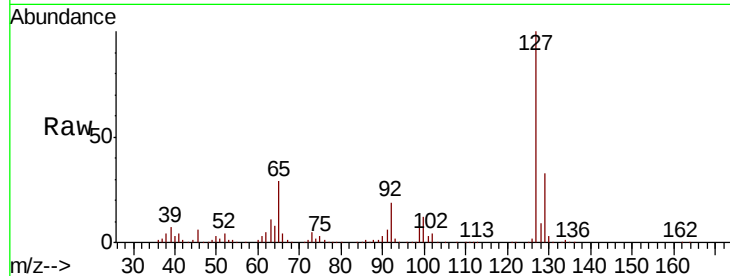




#33
4-Chloroaniline
Concen: 43.135 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

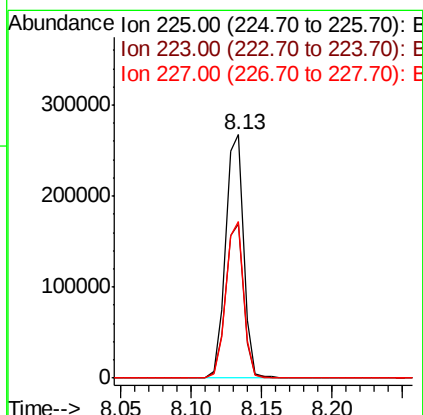
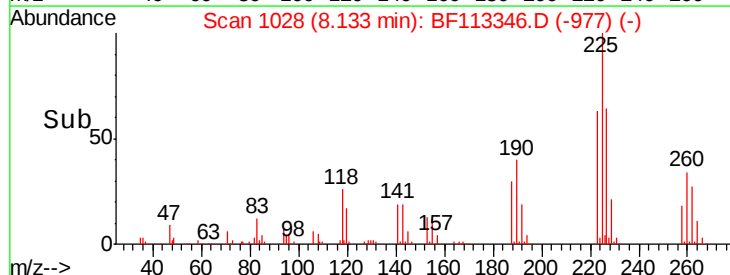
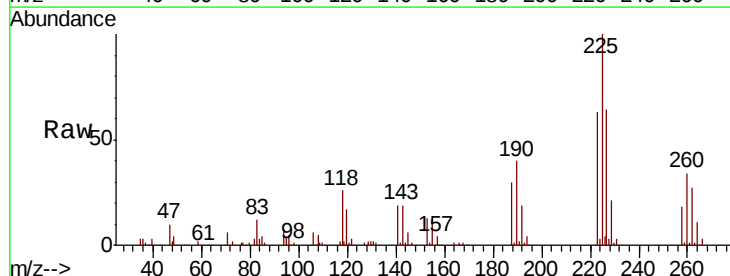
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

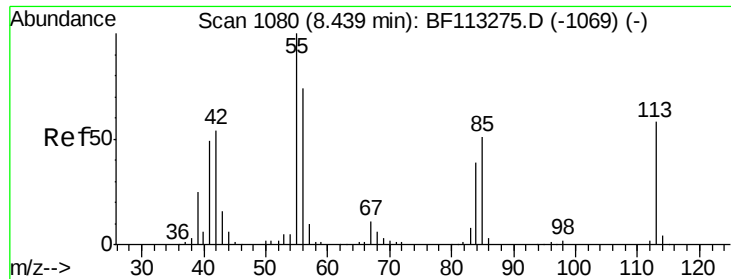
Tgt Ion:	127	Resp:	521093
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	28.6	24.2	36.4
92	18.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.417 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion:	225	Resp:	238014
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	64.2	51.1	76.7

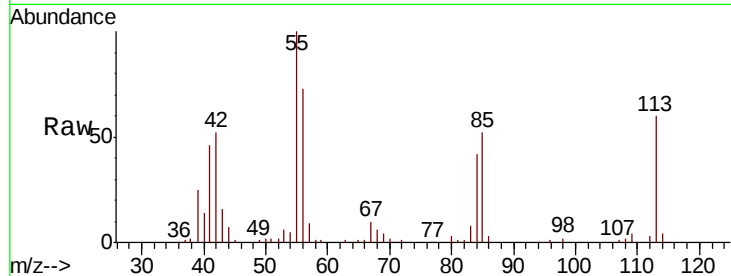




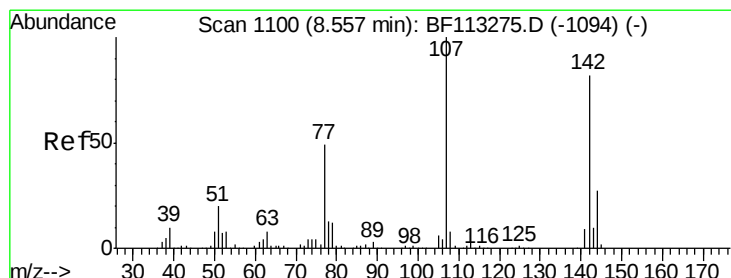
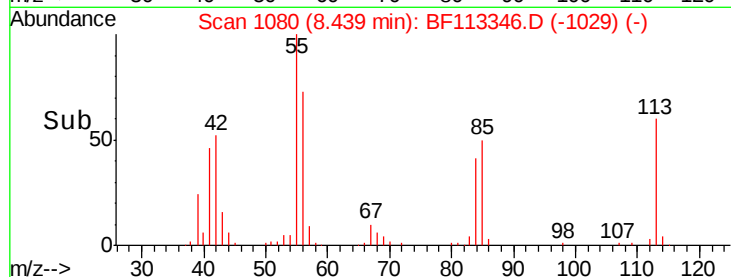
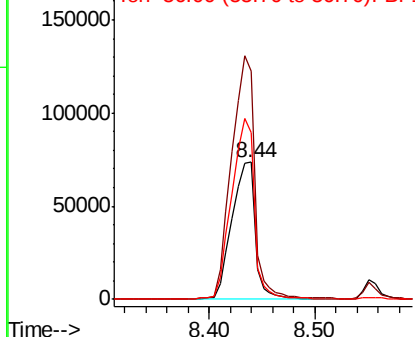
#35
 Caprolactam
 Concen: 38.113 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 112336
 Ion Ratio Lower Upper
 113 100
 55 166.2 152.7 192.7
 56 121.7 108.3 148.3

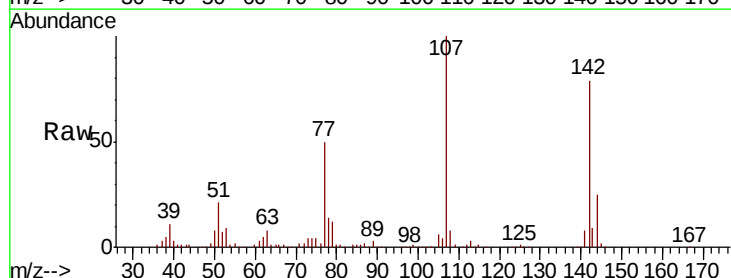


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

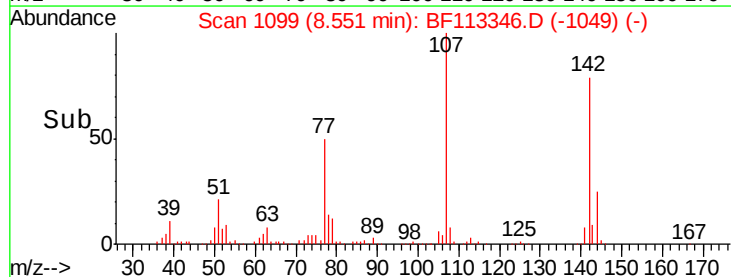
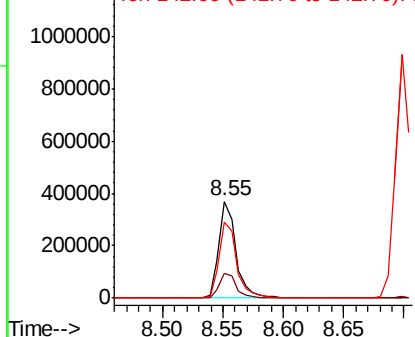


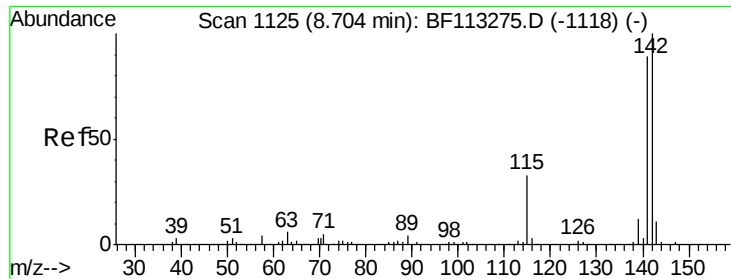
#36
 4-Chloro-3-methylphenol
 Concen: 39.334 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

Tgt Ion:107 Resp: 363335
 Ion Ratio Lower Upper
 107 100
 144 25.0 21.4 32.0
 142 79.2 65.6 98.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

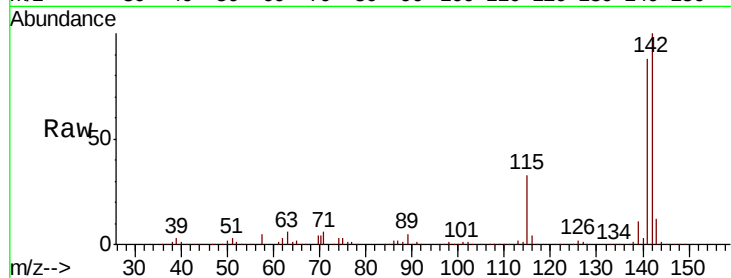




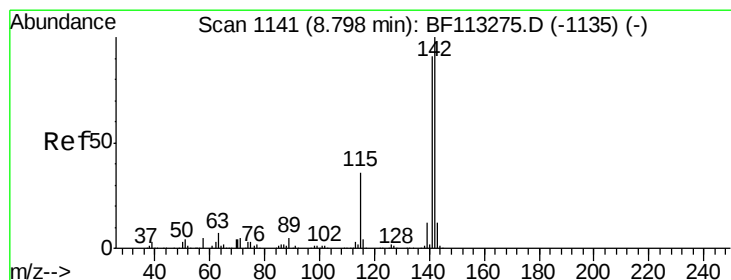
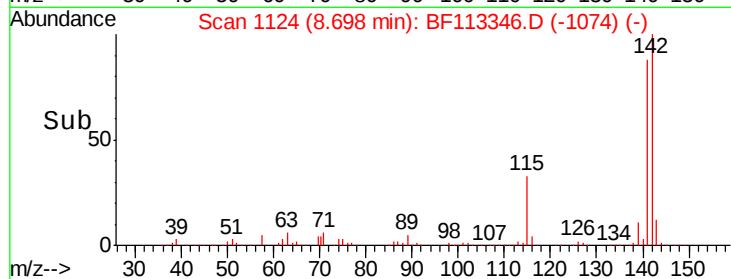
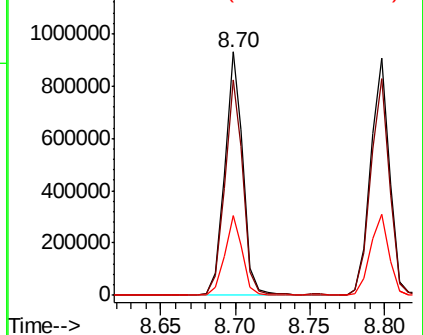
#37
2-Methylnaphthalene
Concen: 41.329 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	33.0	26.6	39.8

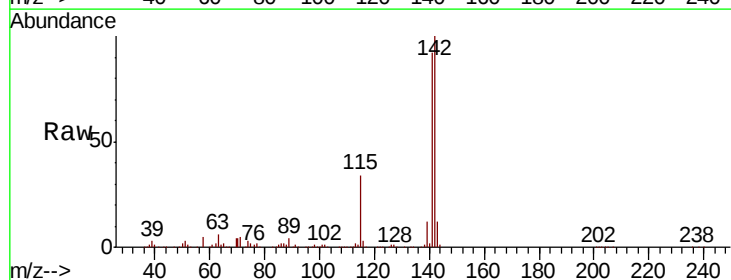


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

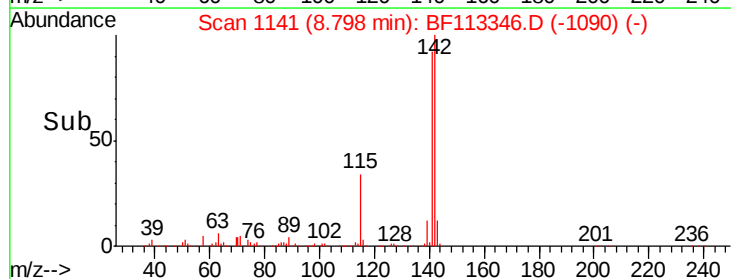
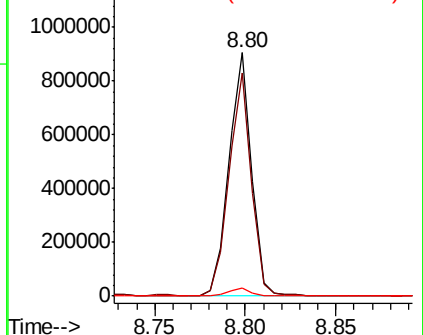


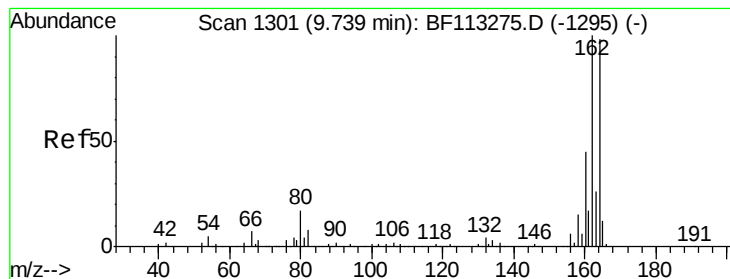
#38
1-Methylnaphthalene
Concen: 42.011 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.2	109.8
116	3.5	3.0	4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

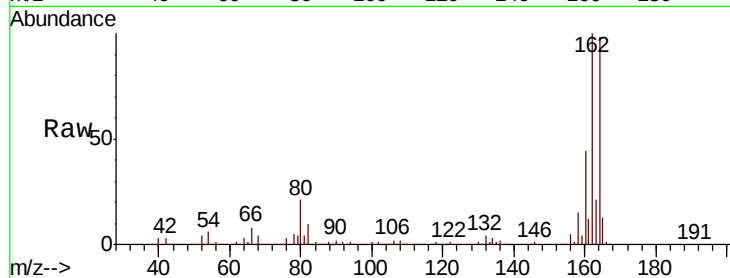
Tgt Ion:164 Resp: 283122

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

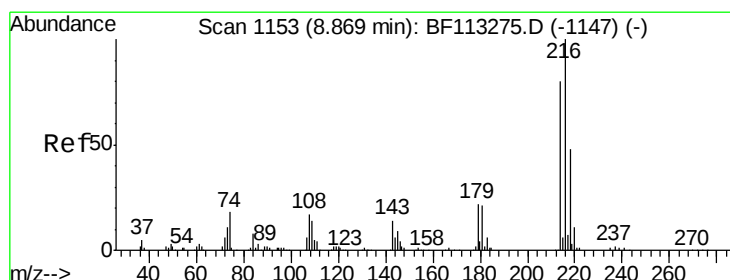
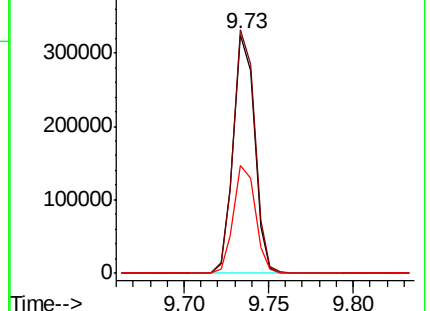
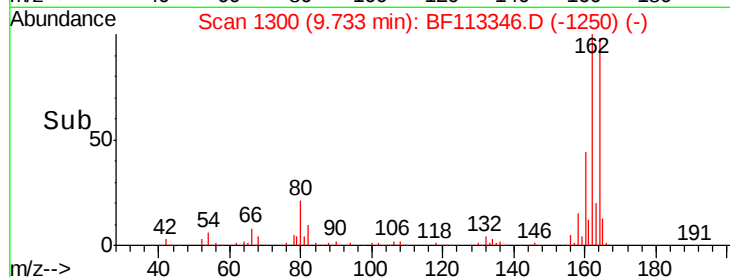
160 45.3 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.648 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Tgt Ion:216 Resp: 387591

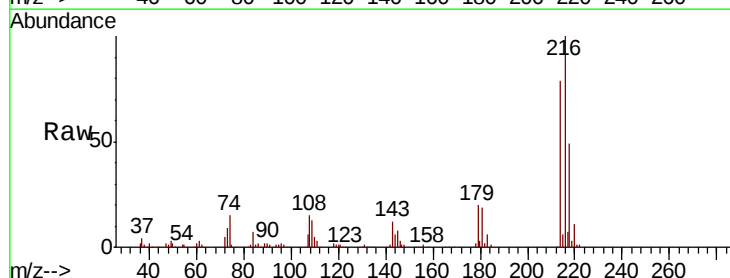
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.6

179 20.2 16.8 25.2

108 16.2 13.8 20.6

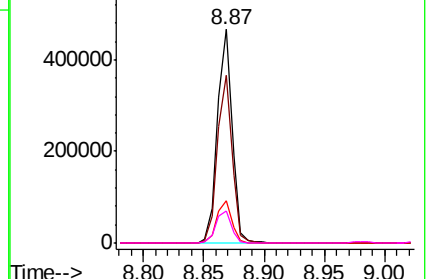
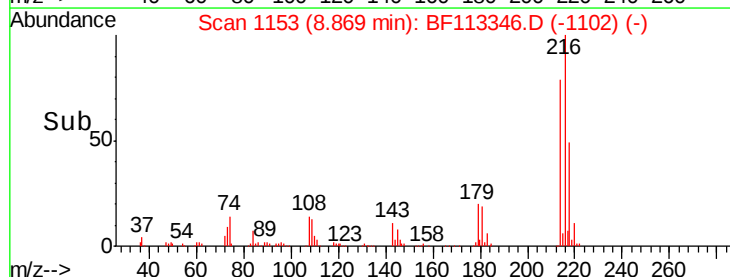


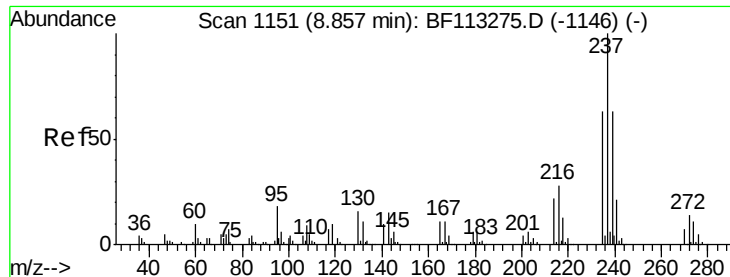
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 4.242 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

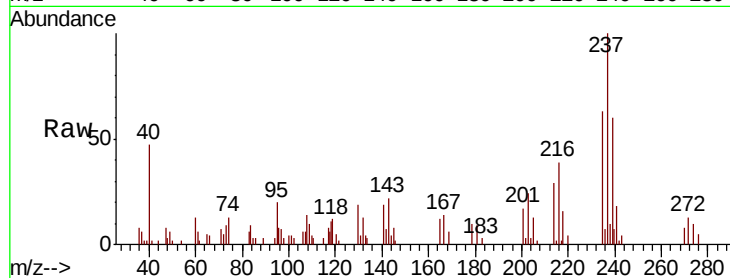
Tgt Ion: 237 Resp: 16317

Ion Ratio Lower Upper

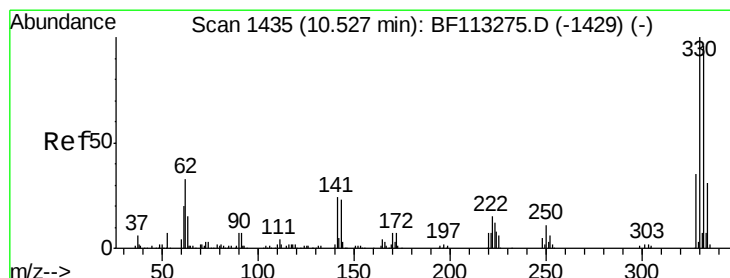
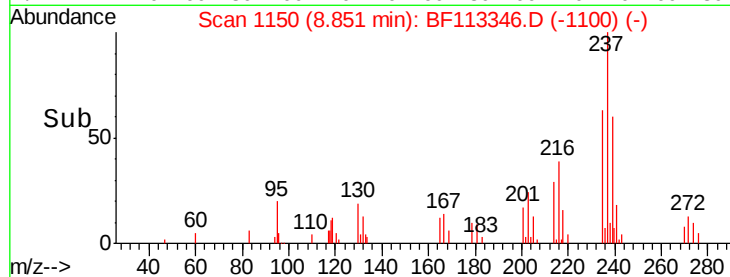
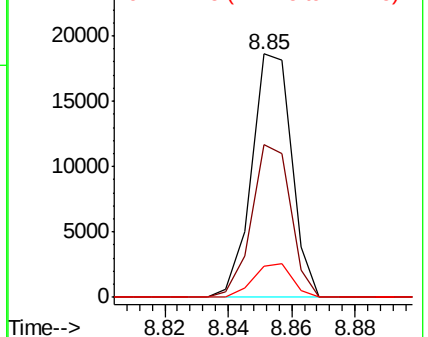
237 100

235 62.5 43.4 83.4

272 12.8 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 67.778 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

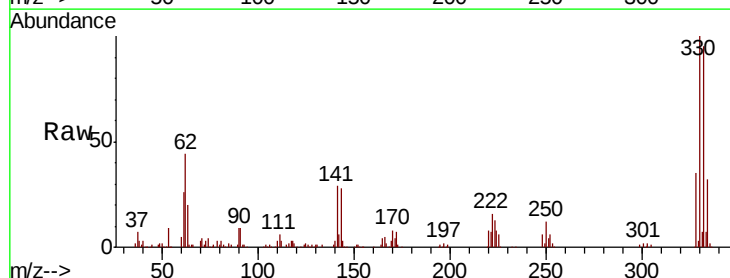
Tgt Ion: 330 Resp: 237032

Ion Ratio Lower Upper

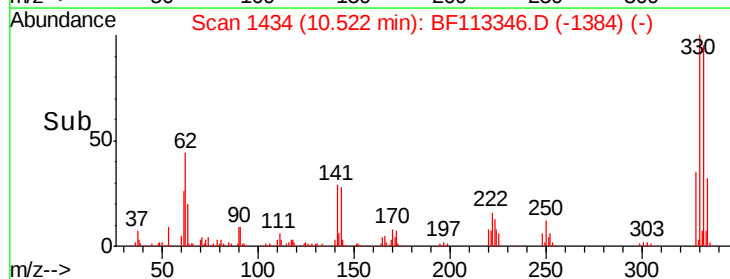
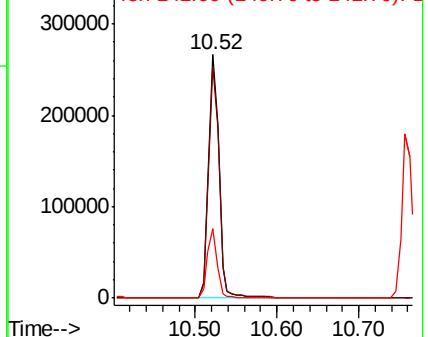
330 100

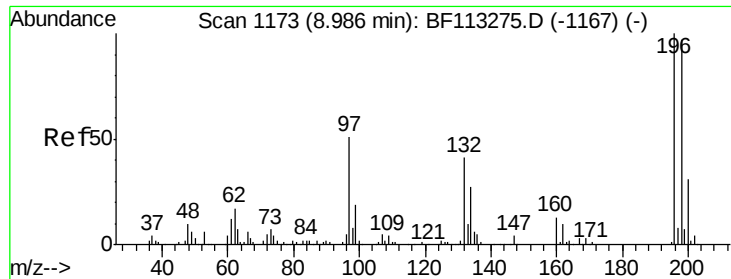
332 95.4 77.8 116.6

141 27.3 22.7 34.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

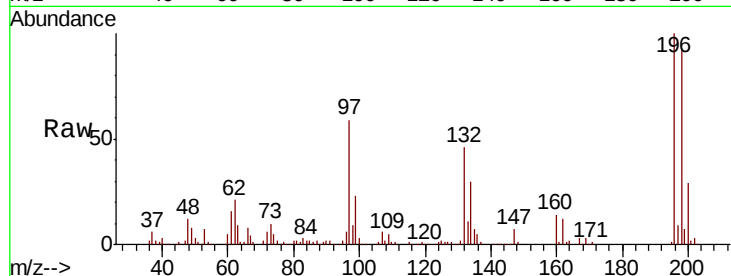




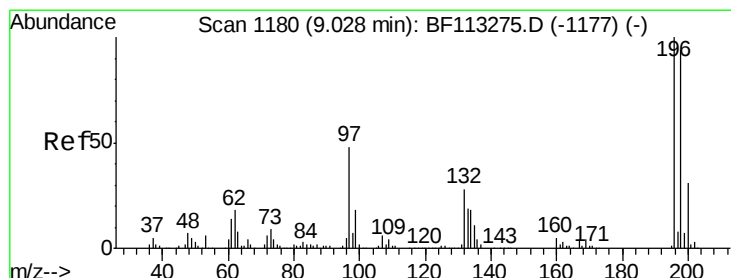
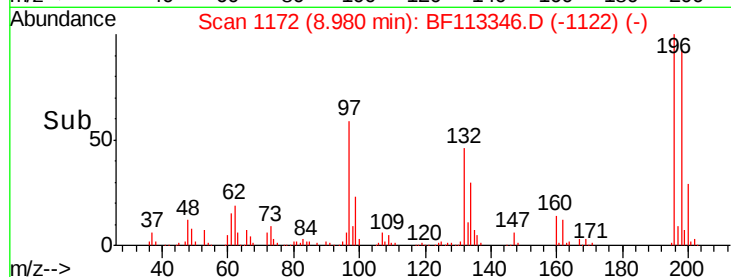
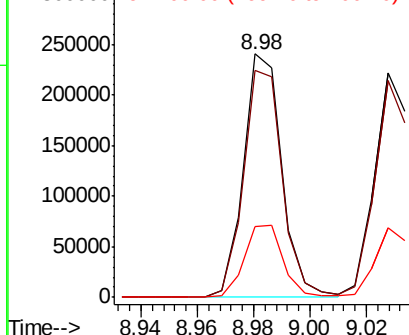
#43
 2,4,6-Trichlorophenol
 Concen: 38.347 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 226945
 Ion Ratio Lower Upper
 196 100
 198 93.0 77.7 116.5
 200 29.1 24.9 37.3



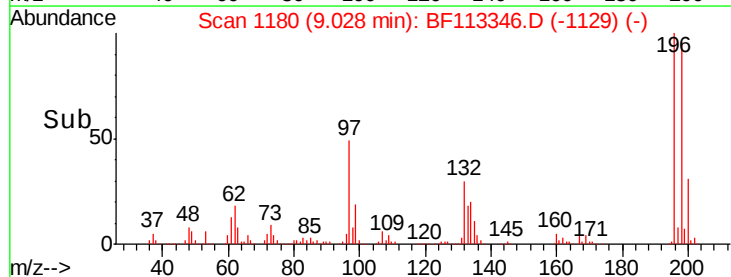
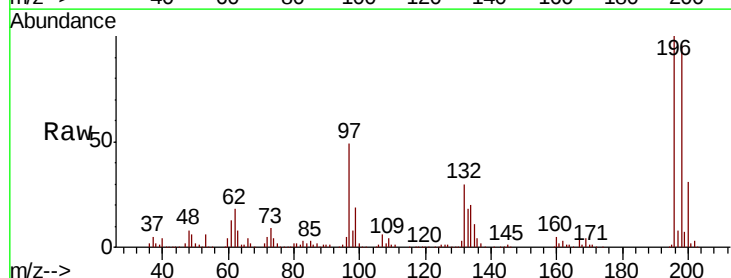
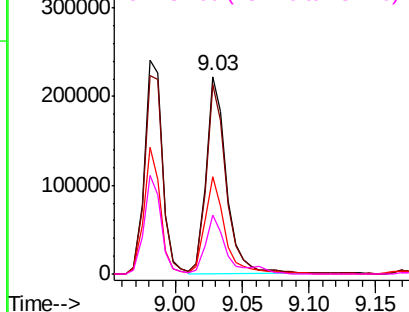
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

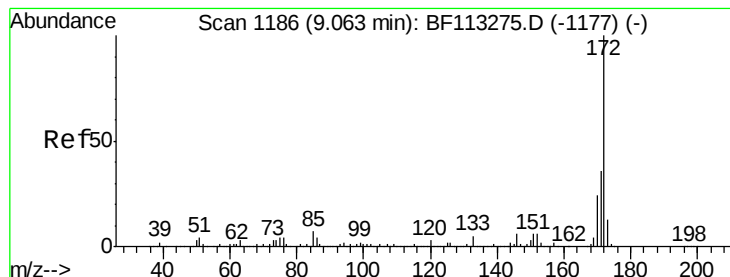


#44
 2,4,5-Trichlorophenol
 Concen: 36.059 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

Tgt Ion:196 Resp: 236172
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.4 113.2
 97 49.3 38.6 58.0
 132 29.9 22.9 34.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 84.115 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

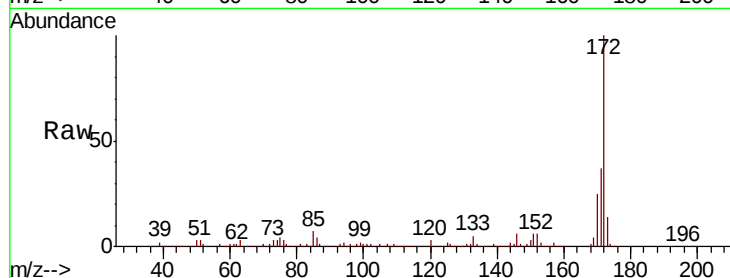
Tgt Ion:172 Resp: 1522744

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

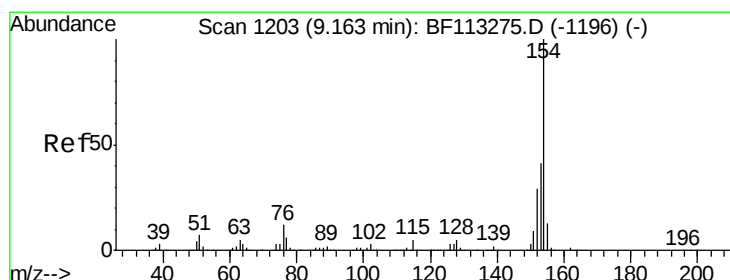
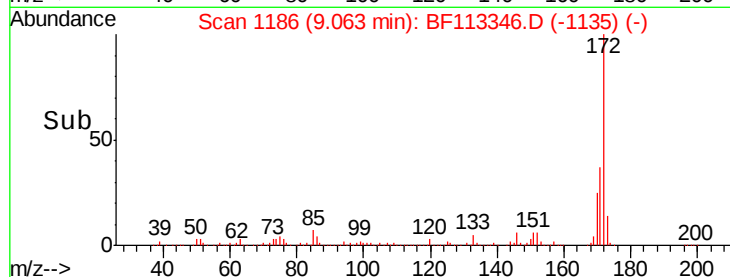
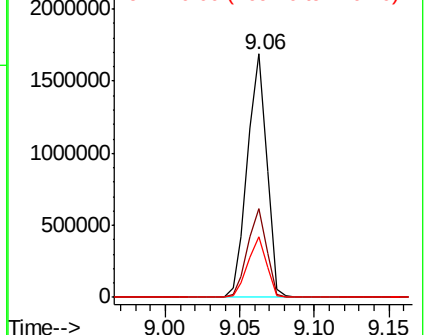
170 24.9 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.406 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

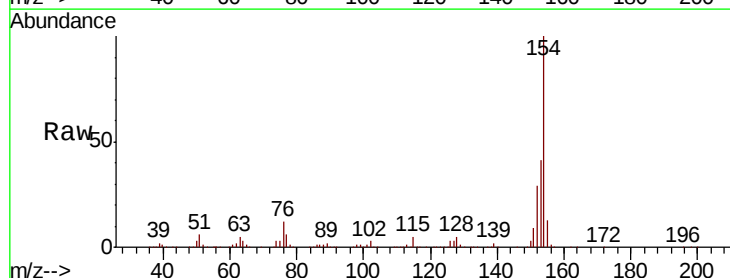
Tgt Ion:154 Resp: 979104

Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

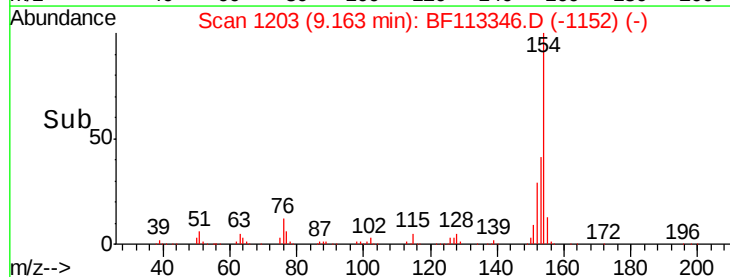
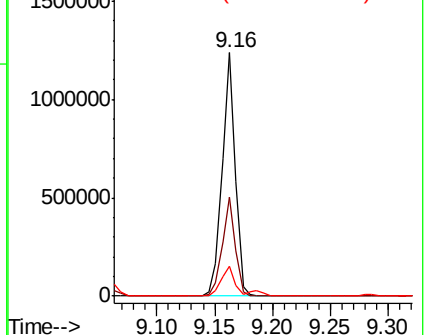
76 12.5 0.0 31.9

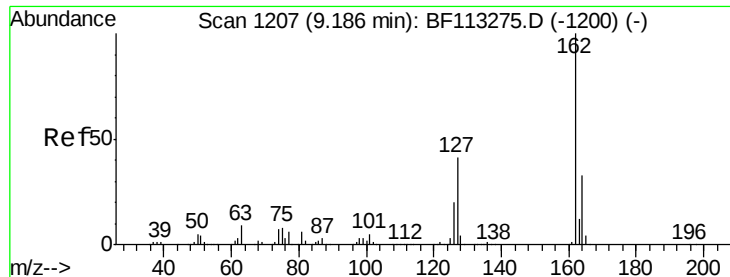


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

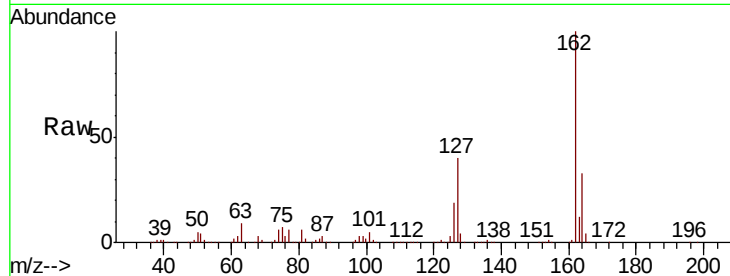




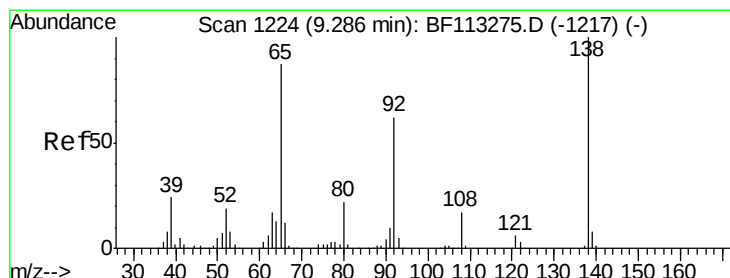
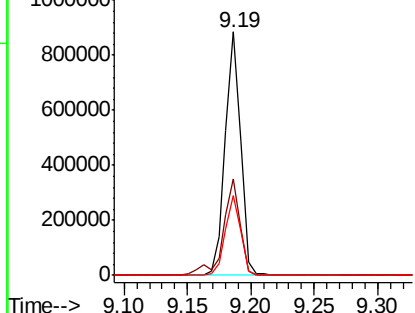
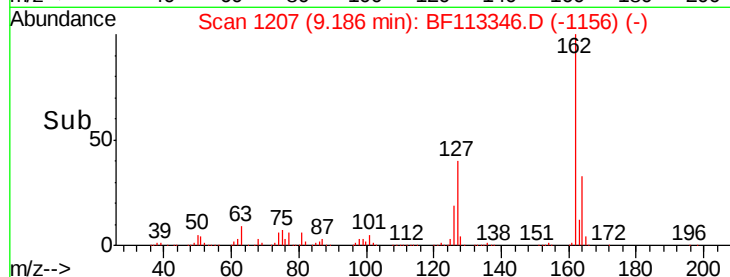
#47
2-Chloronaphthalene
Concen: 41.172 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 162 Resp: 749584
Ion Ratio Lower Upper
162 100
127 39.6 32.6 49.0
164 32.7 26.6 39.8

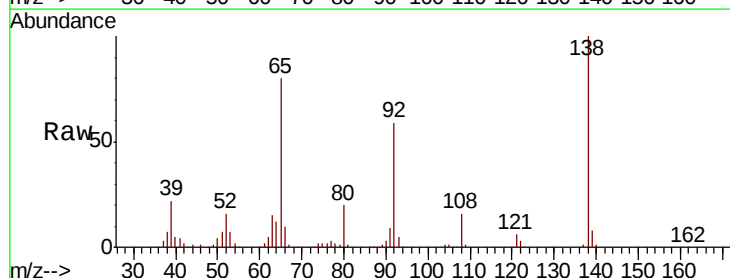


Abundance Ion 162.00 (161.70 to 162.70): E
1200000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

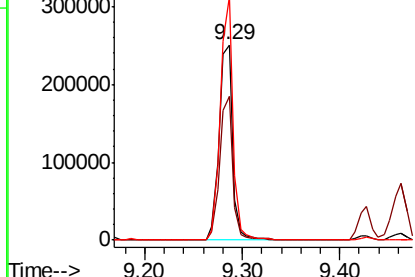
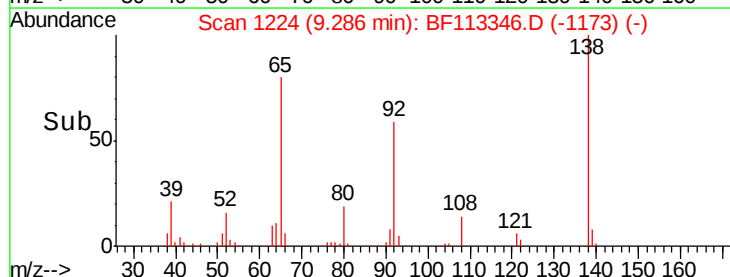


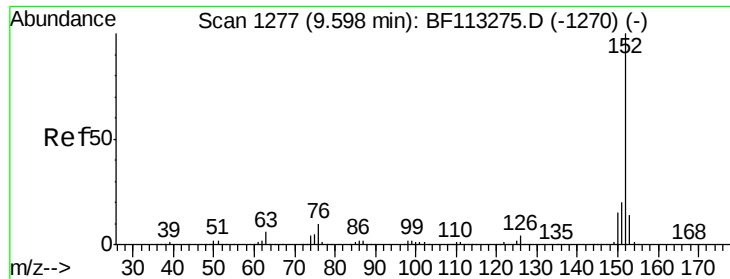
#48
2-Nitroaniline
Concen: 42.764 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion: 65 Resp: 244329
Ion Ratio Lower Upper
65 100
92 73.7 56.8 85.2
138 124.6 92.3 138.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
400000
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.891 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

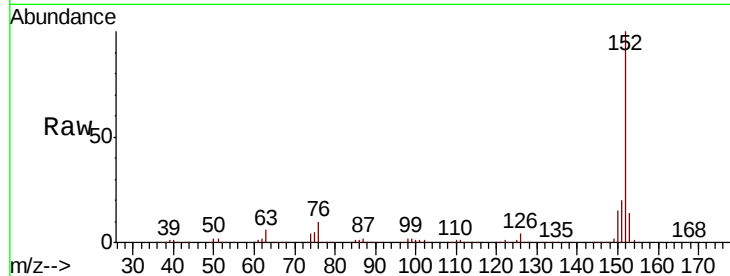
Tgt Ion:152 Resp: 1203753

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

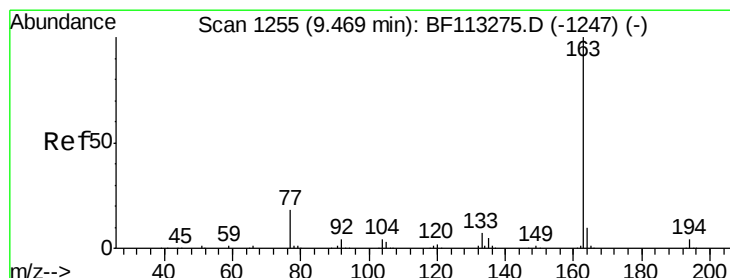
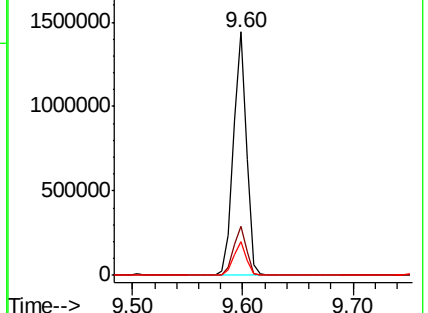
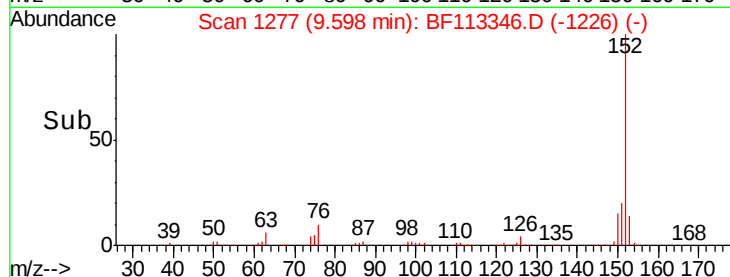
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.704 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

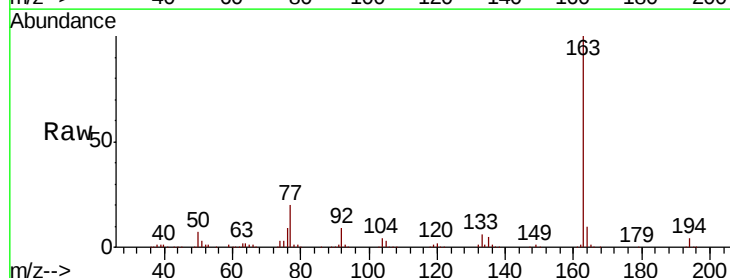
Tgt Ion:163 Resp: 854042

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

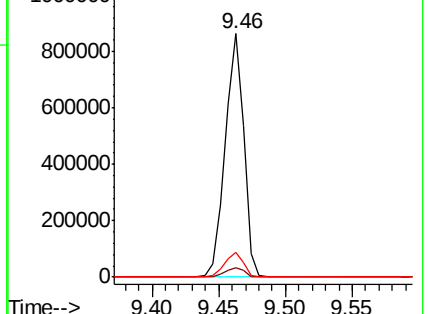
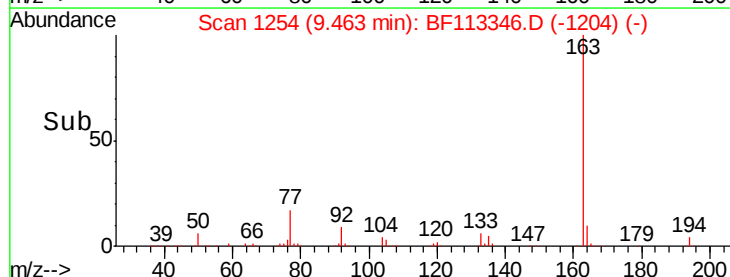
164 10.2 8.1 12.1

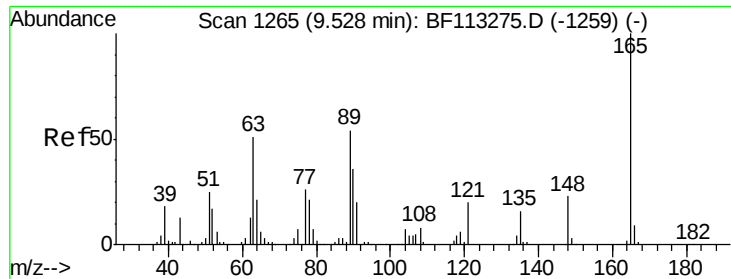


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

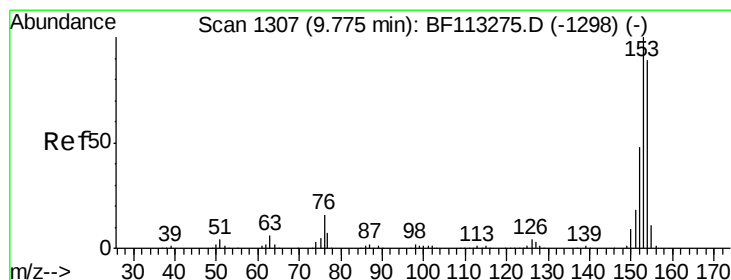
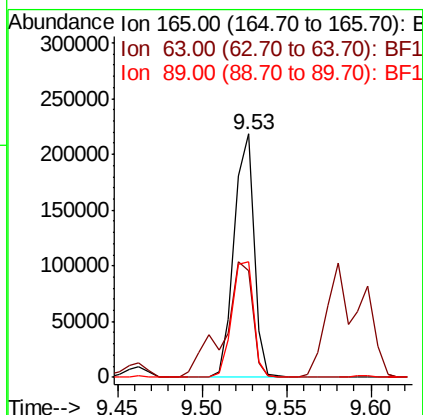
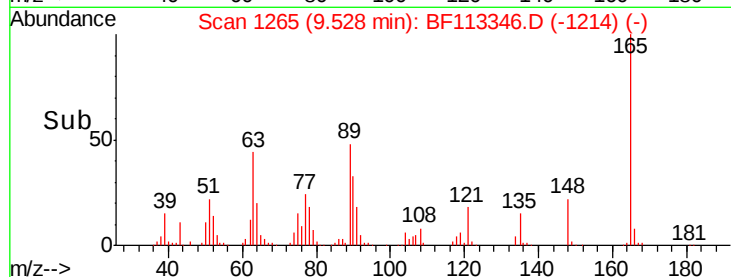
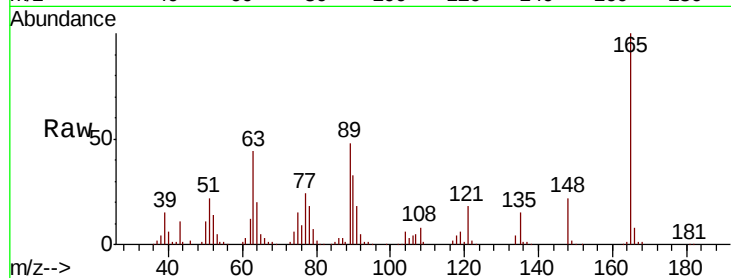




#51
2,6-Dinitrotoluene
Concen: 37.621 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

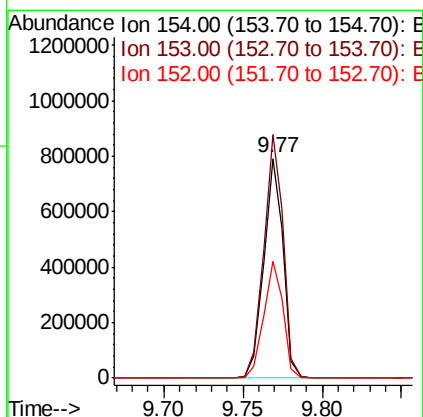
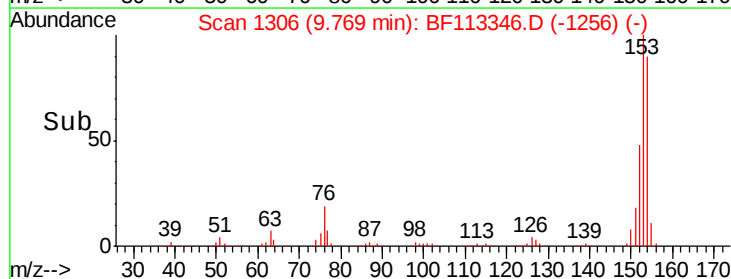
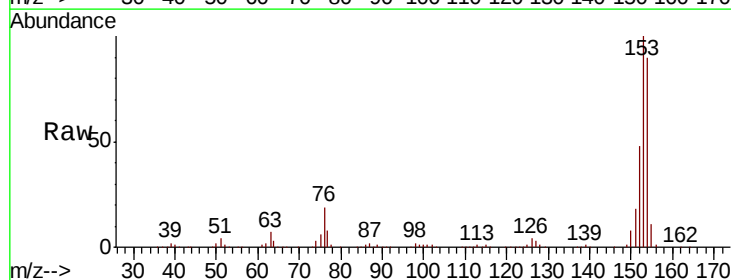
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

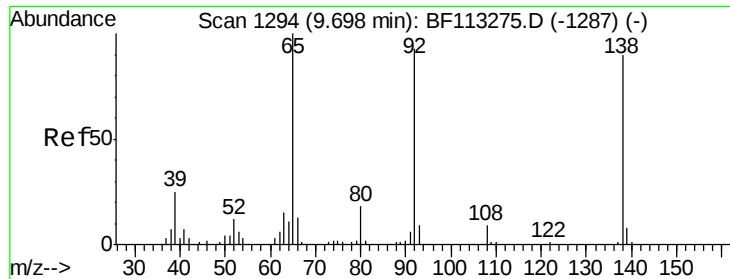
Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.0	43.4	65.0
89	47.5	43.1	64.7



#52
Acenaphthene
Concen: 40.705 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	89.5	134.3
152	53.4	43.3	64.9

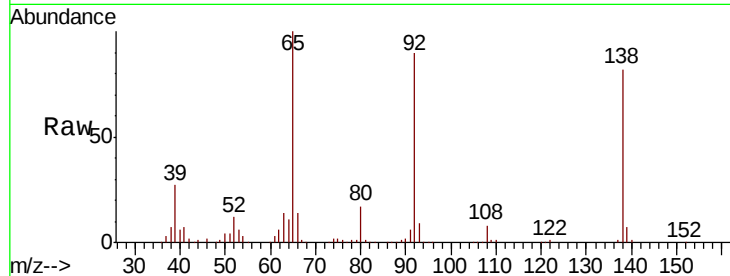




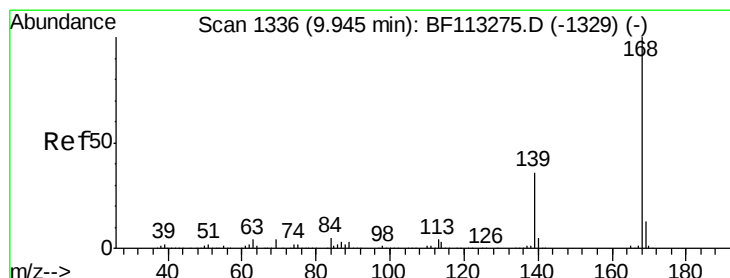
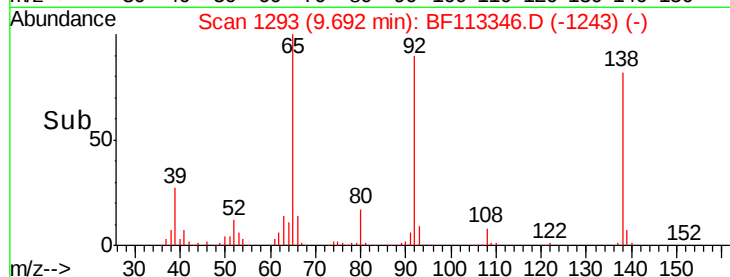
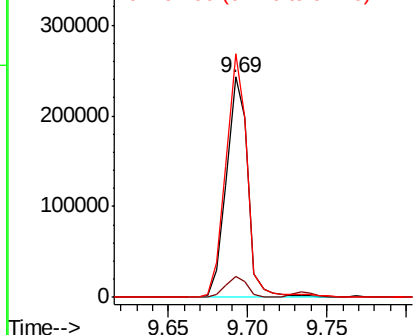
#53
3-Nitroaniline
Concen: 42.732 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 228100
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.6
92 110.6 82.6 124.0

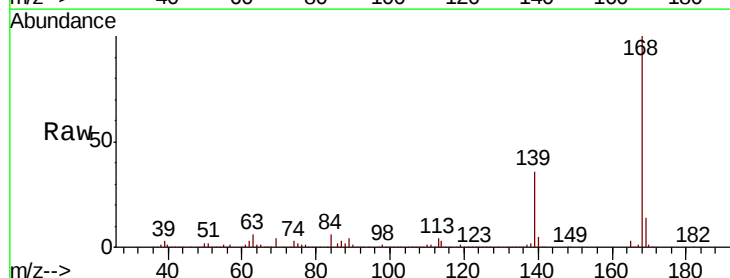


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

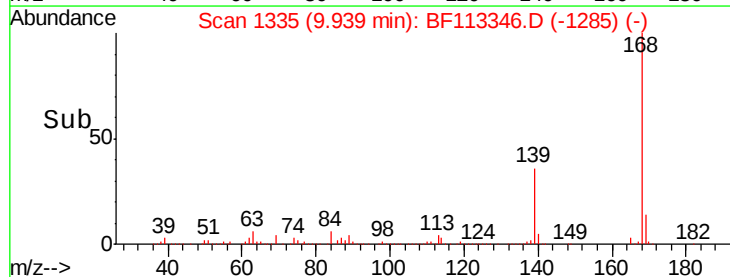
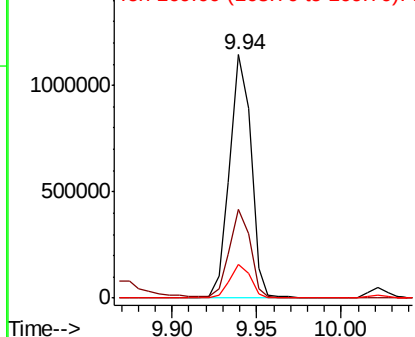


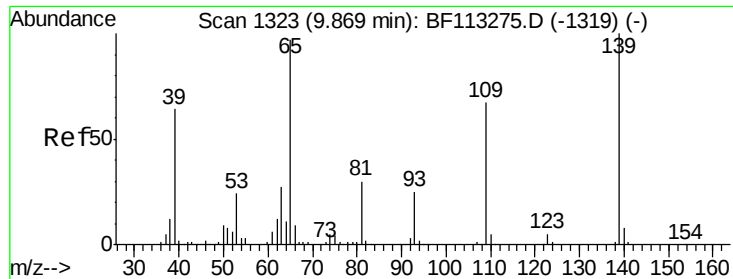
#55
Dibenzofuran
Concen: 40.641 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion:168 Resp: 1012876
Ion Ratio Lower Upper
168 100
139 36.4 29.7 44.5
169 13.9 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

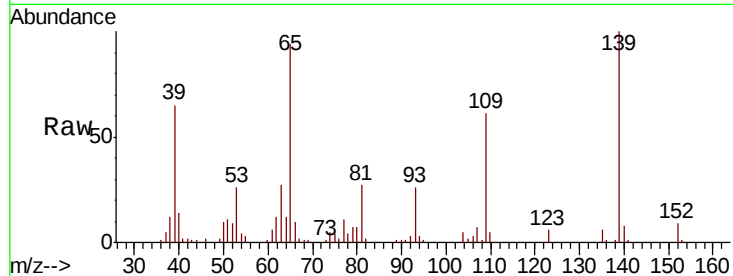




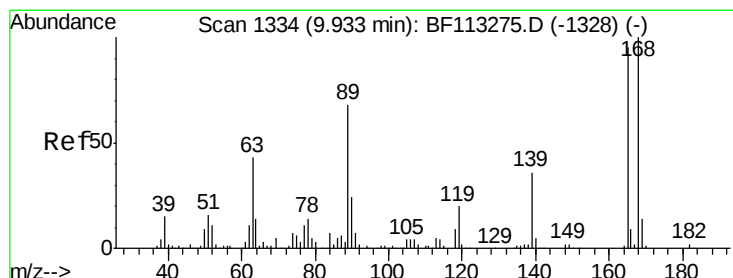
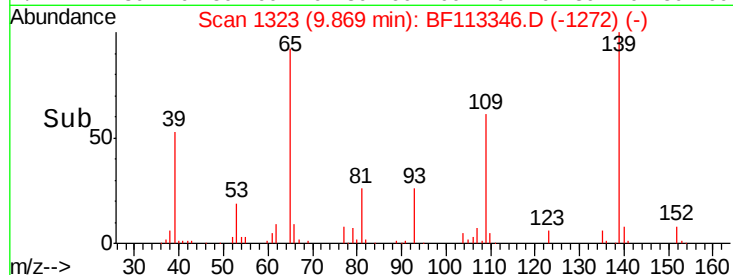
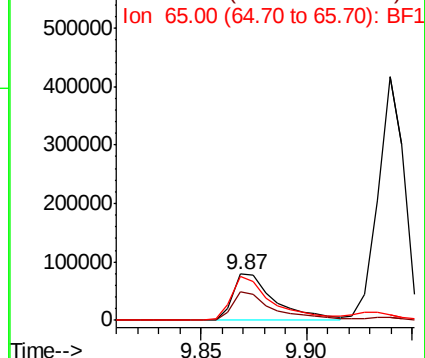
#56
4-Nitrophenol
Concen: 29.268 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:139 Resp: 111383
Ion Ratio Lower Upper
139 100
109 61.0 46.9 86.9
65 93.7 77.2 117.2

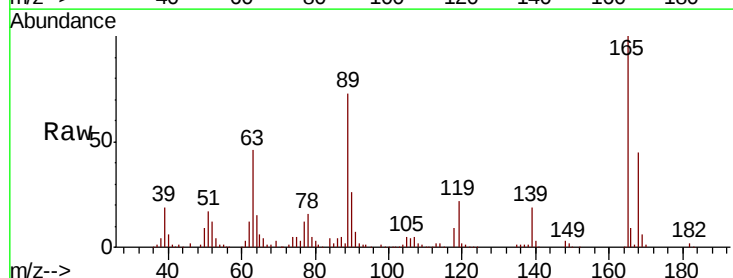


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

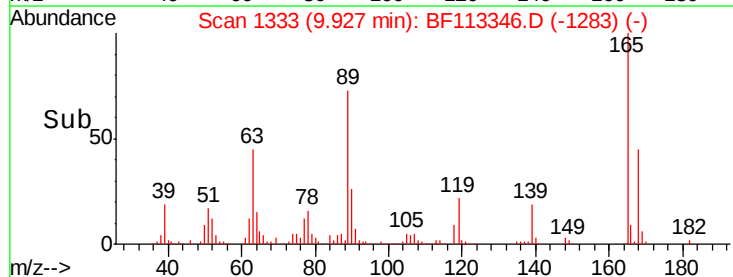
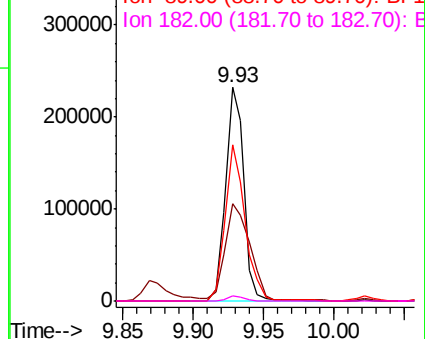


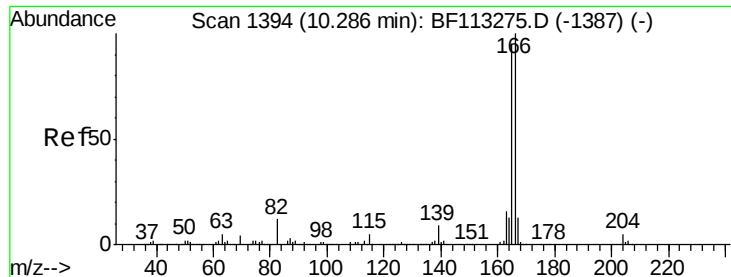
#57
2,4-Dinitrotoluene
Concen: 34.535 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion:165 Resp: 207881
Ion Ratio Lower Upper
165 100
63 45.6 37.5 56.3
89 73.0 57.4 86.2
182 2.4 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 38.419 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

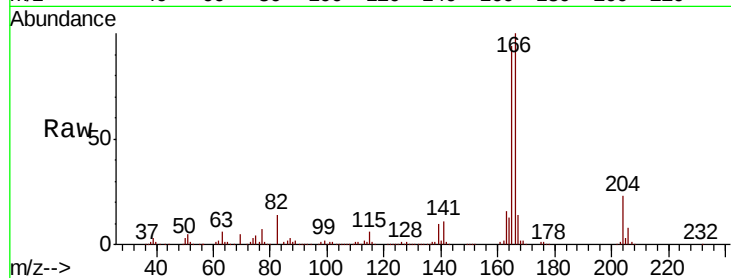
Tgt Ion:166 Resp: 743826

Ion Ratio Lower Upper

166 100

165 93.8 76.2 114.2

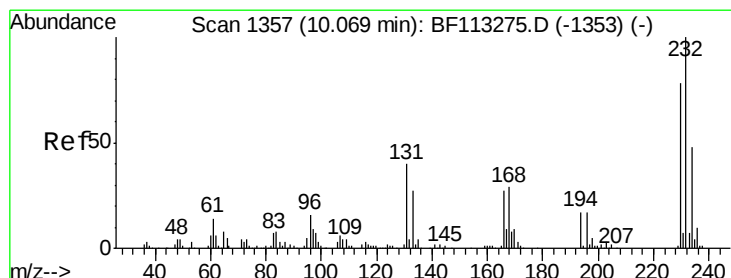
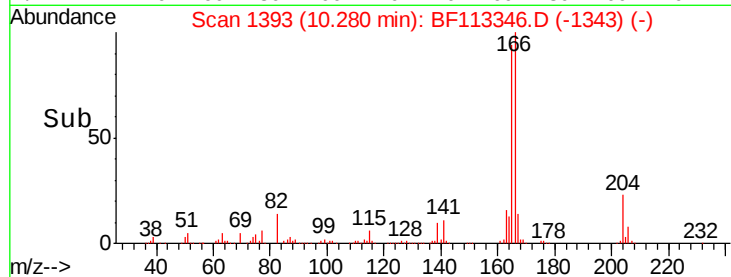
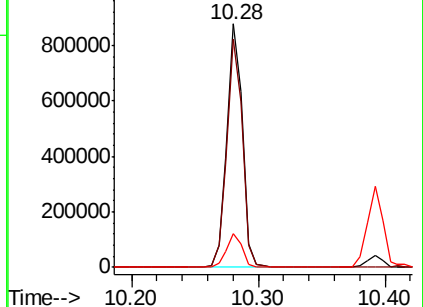
167 13.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 33.597 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Tgt Ion:232 Resp: 186082

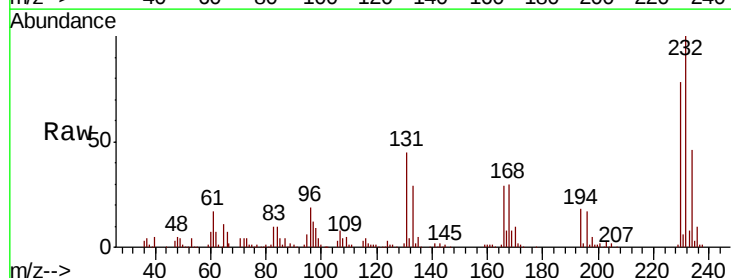
Ion Ratio Lower Upper

232 100

131 39.8 33.2 49.8

130 1.8 1.6 2.4

166 27.1 21.0 31.6

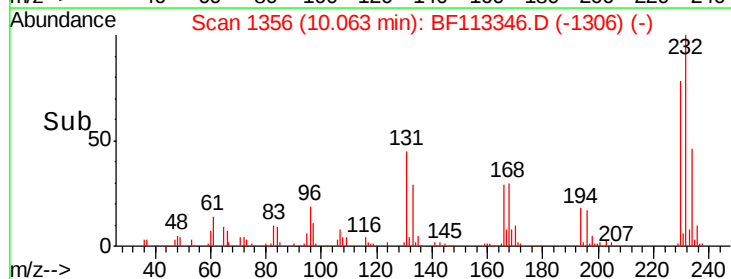
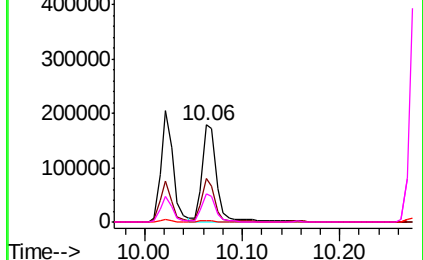


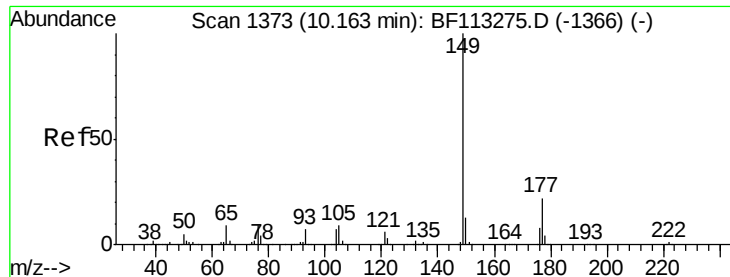
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

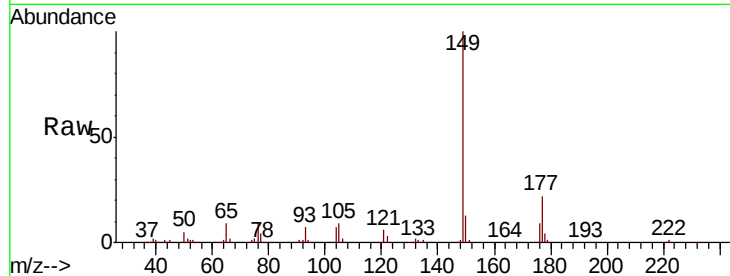




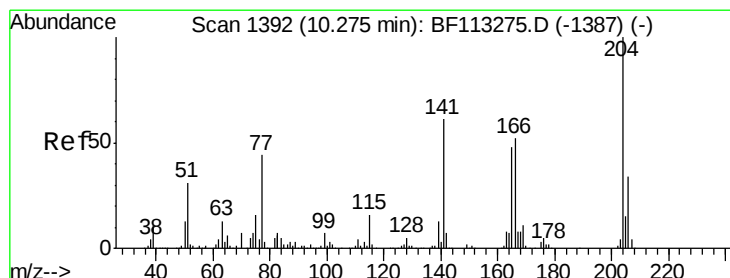
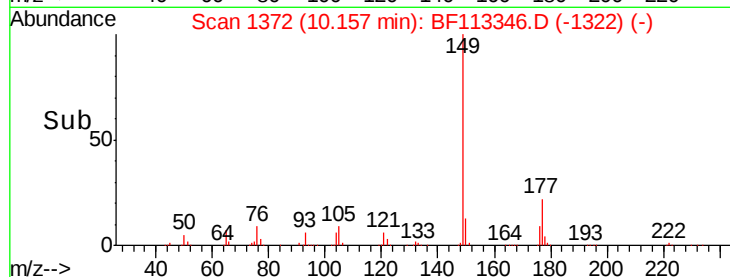
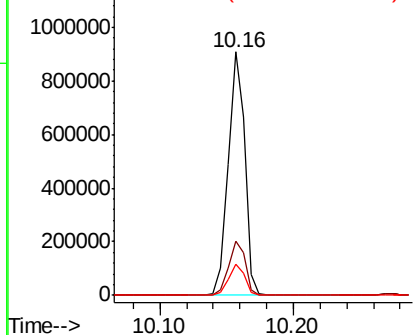
#60
Diethylphthalate
Concen: 38.926 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 801212
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.0
150 12.7 10.0 15.0

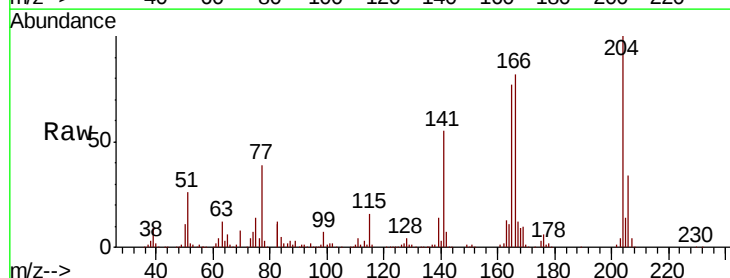


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

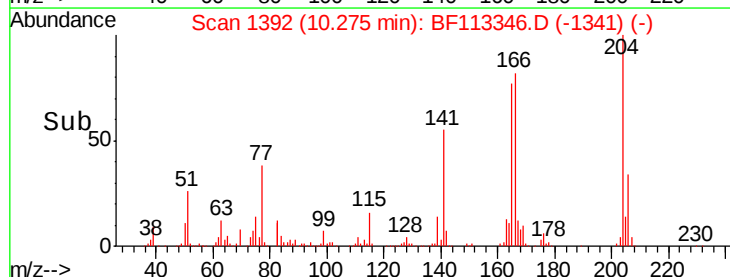
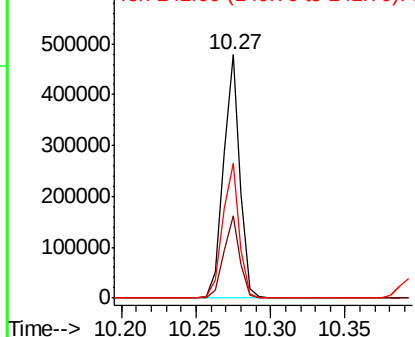


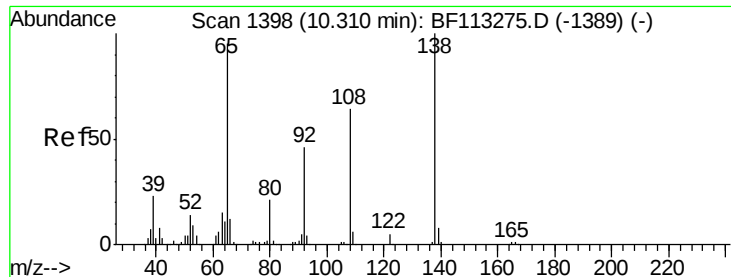
#61
4-Chlorophenyl-phenylether
Concen: 39.369 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion:204 Resp: 371487
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 55.4 48.8 73.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

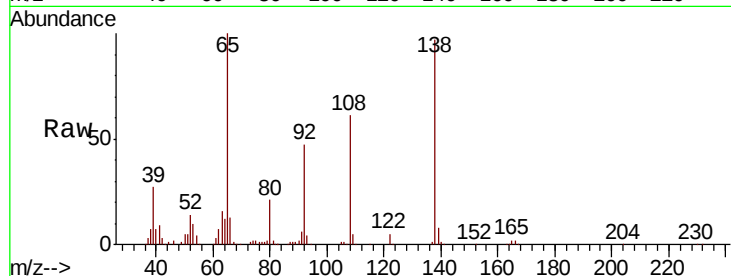




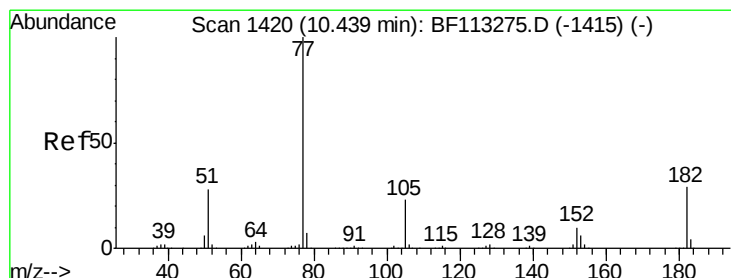
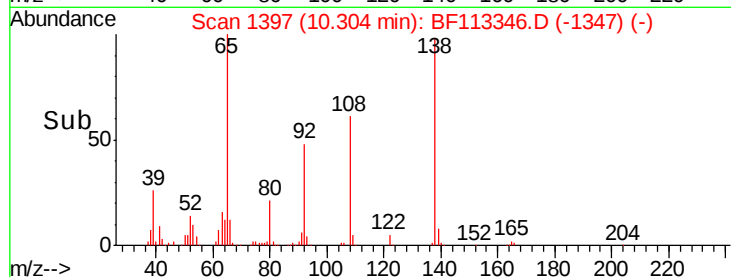
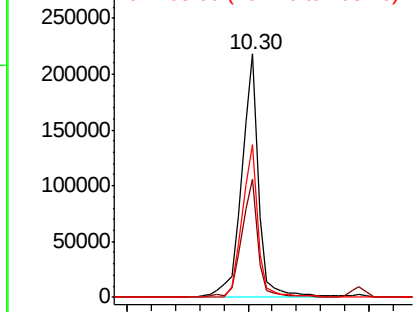
#62
4-Nitroaniline
Concen: 38.134 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 209580
Ion Ratio Lower Upper
138 100
92 48.5 25.8 65.8
108 62.8 44.0 84.0

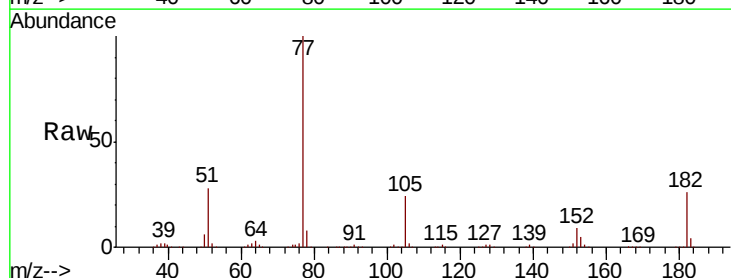


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

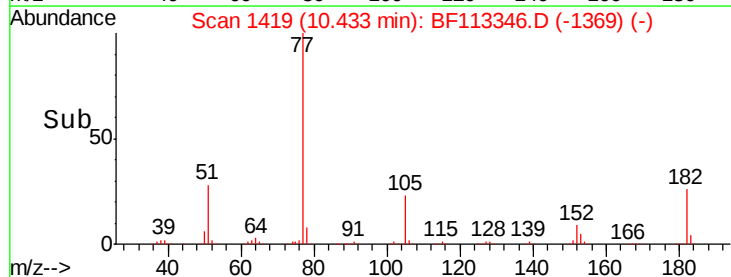
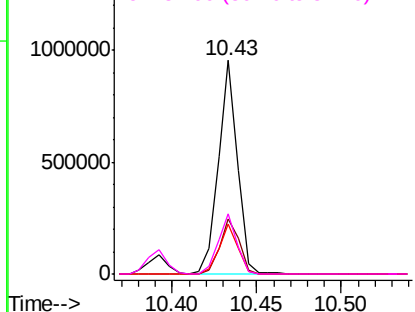


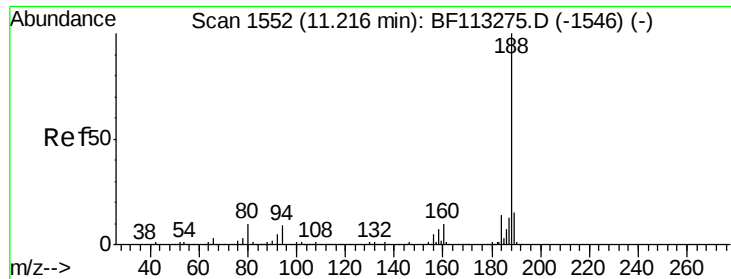
#63
Azobenzene
Concen: 38.742 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion: 77 Resp: 750642
Ion Ratio Lower Upper
77 100
182 25.9 8.7 48.7
105 23.5 2.9 42.9
51 28.0 8.8 48.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

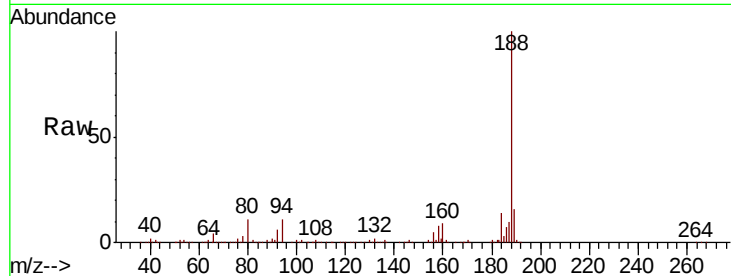
Tgt Ion:188 Resp: 475381

Ion Ratio Lower Upper

188 100

94 11.4 7.0 10.6#

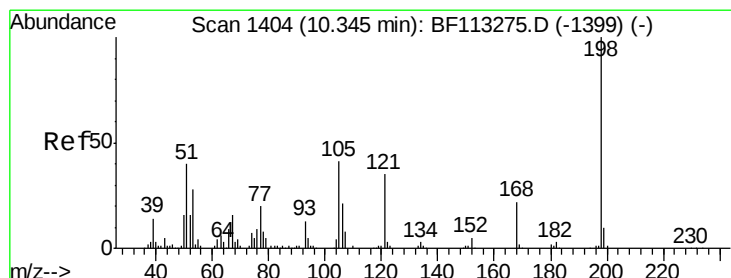
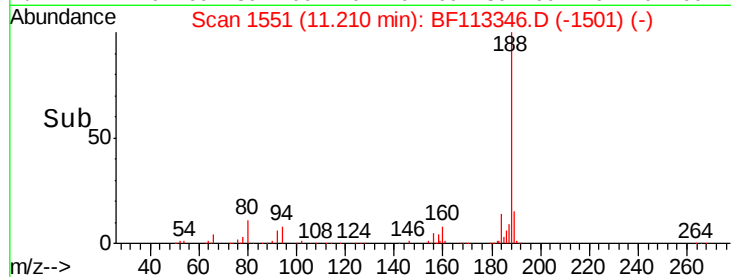
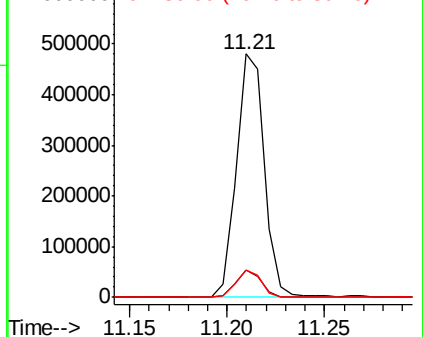
80 11.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 2.079 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

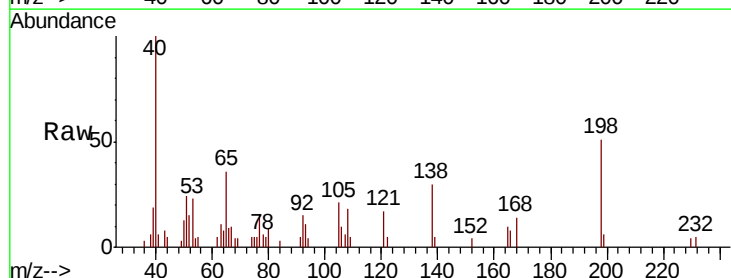
Tgt Ion:198 Resp: 5407

Ion Ratio Lower Upper

198 100

51 46.9 21.6 61.6

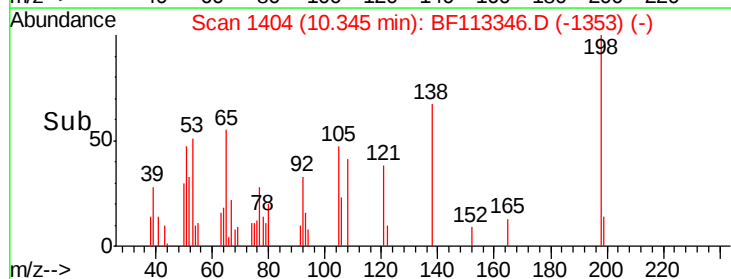
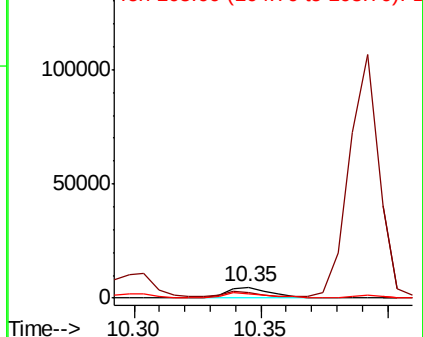
105 40.6 20.6 60.6

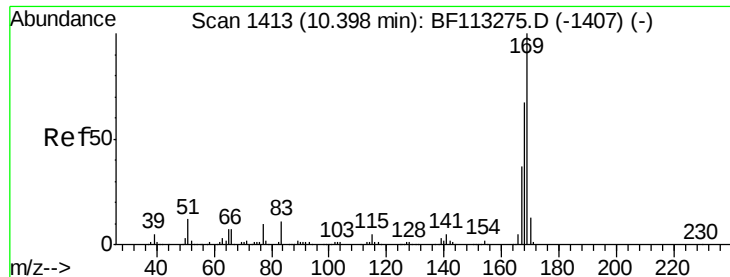


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

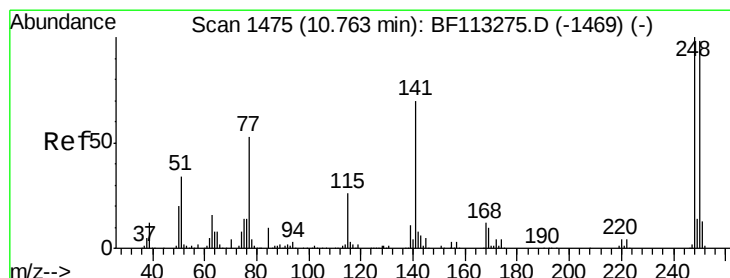
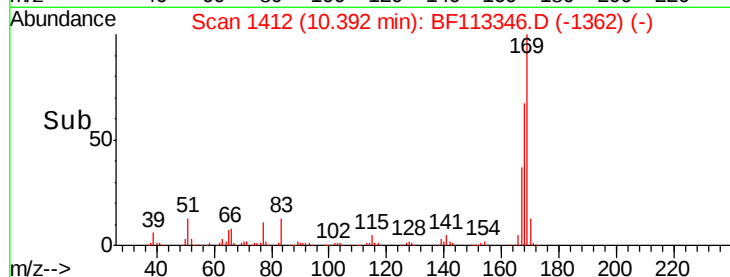
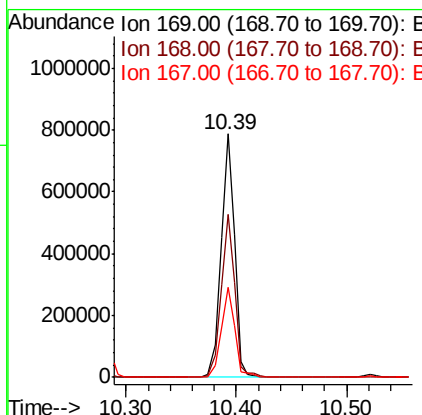
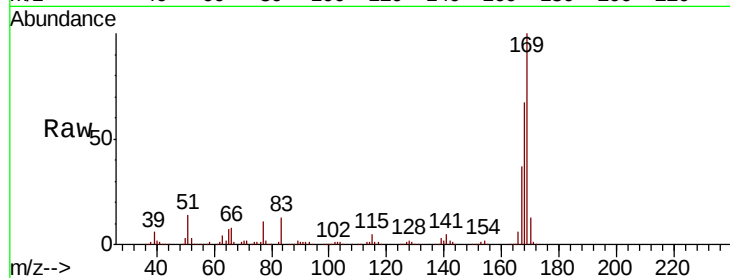




#66
 n-Nitrosodiphenylamine
 Concen: 45.953 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

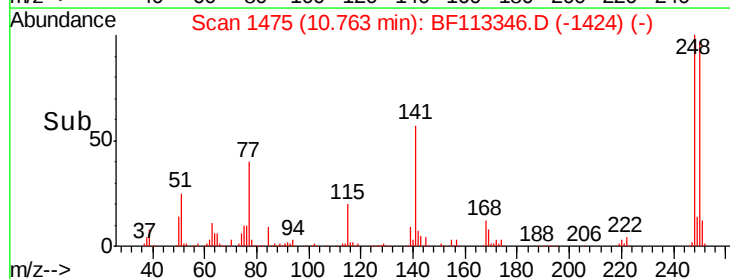
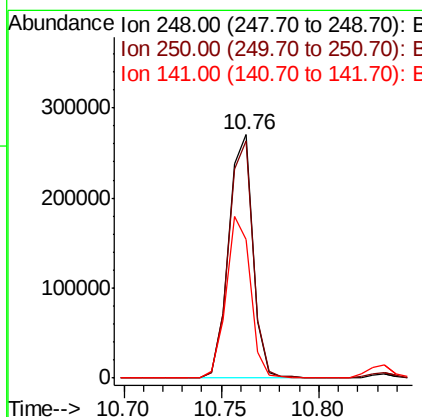
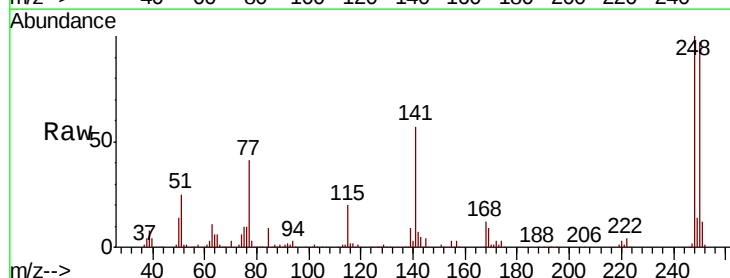
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

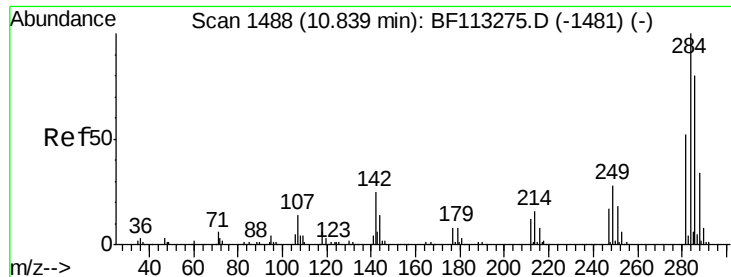
Tgt Ion:169 Resp: 670330
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.7 80.5
 167 37.1 29.5 44.3



#67
 4-Bromophenyl-phenylether
 Concen: 45.264 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

Tgt Ion:248 Resp: 234526
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.3 117.5
 141 57.0 56.2 84.4

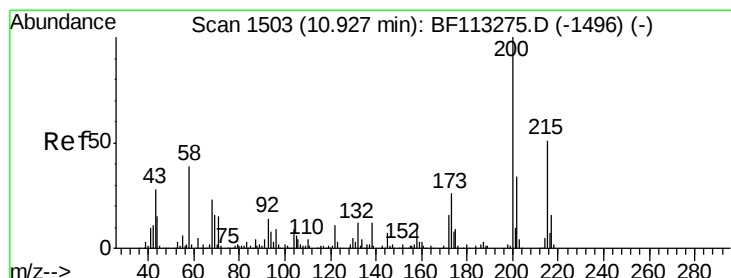
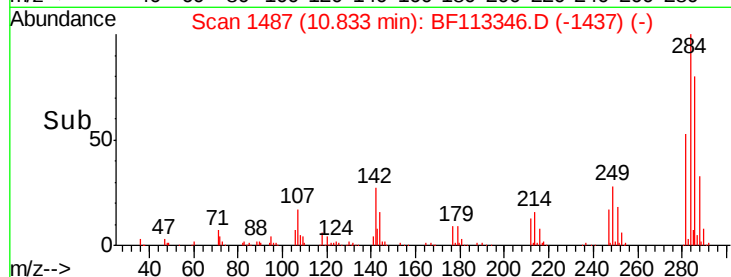
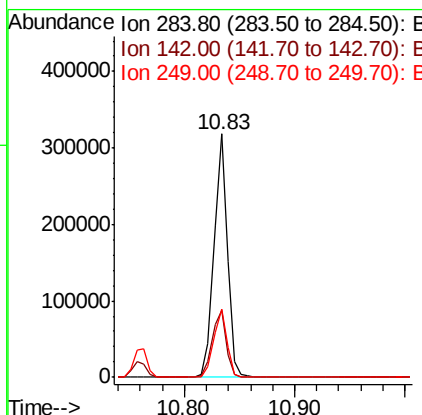
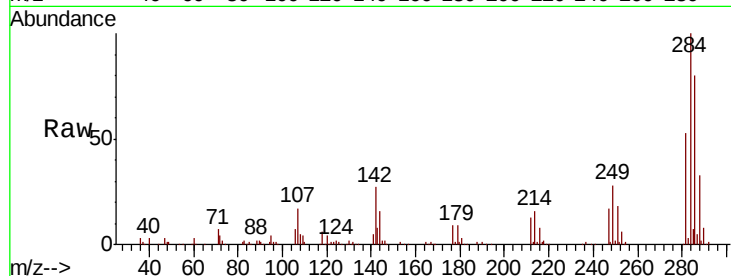




#68
Hexachlorobenzene
Concen: 44.069 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

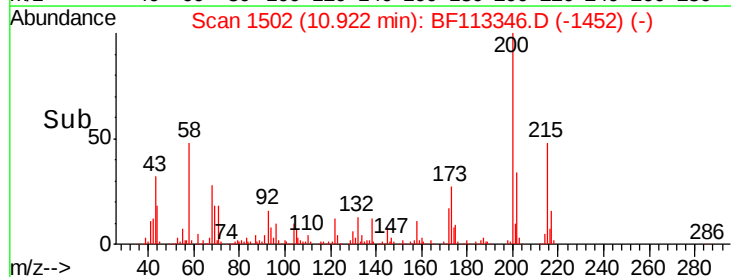
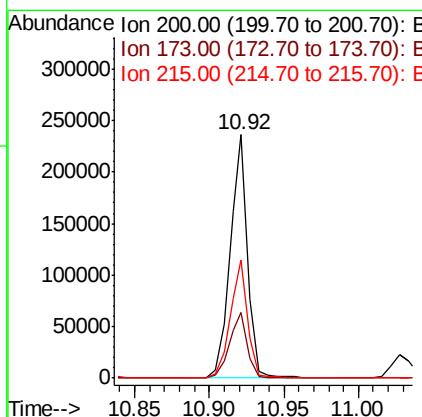
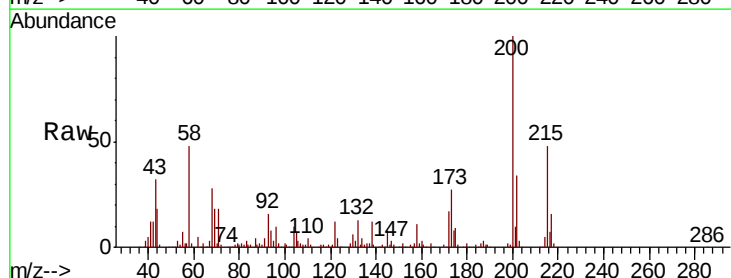
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

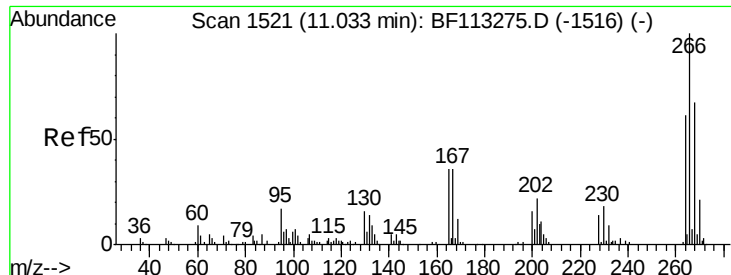
Tgt Ion: 284 Resp: 265036
Ion Ratio Lower Upper
284 100
142 27.3 20.1 30.1
249 28.2 22.7 34.1



#69
Atrazine
Concen: 42.218 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion: 200 Resp: 194381
Ion Ratio Lower Upper
200 100
173 26.8 6.0 46.0
215 48.4 31.3 71.3

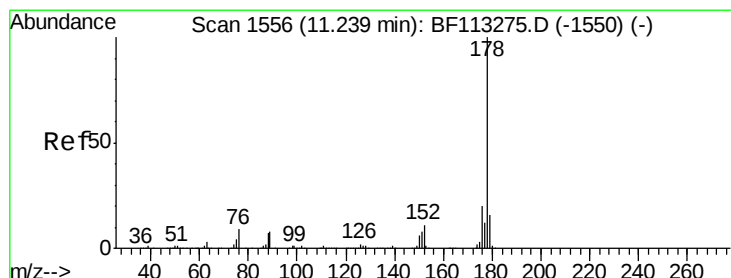
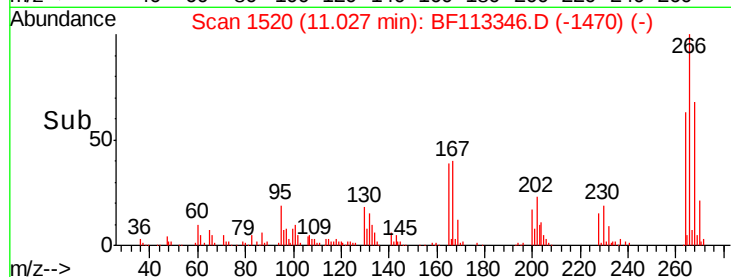
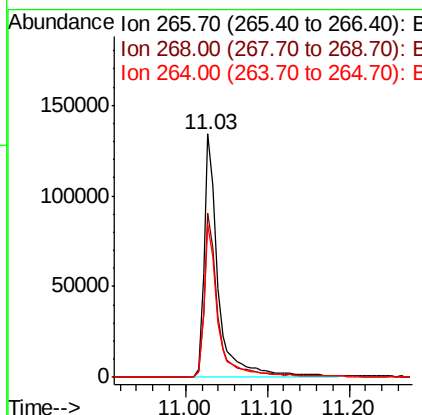
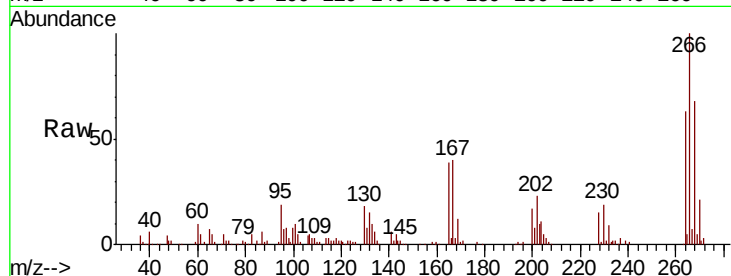




#70
 Pentachlorophenol
 Concen: 52.524 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

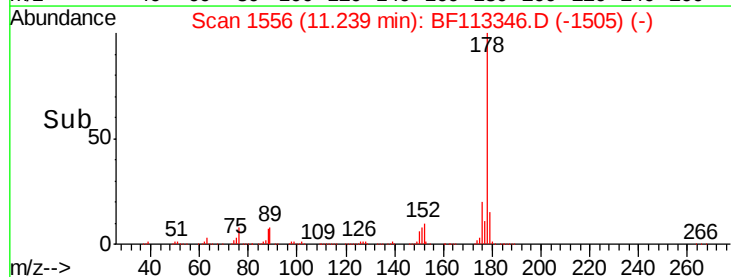
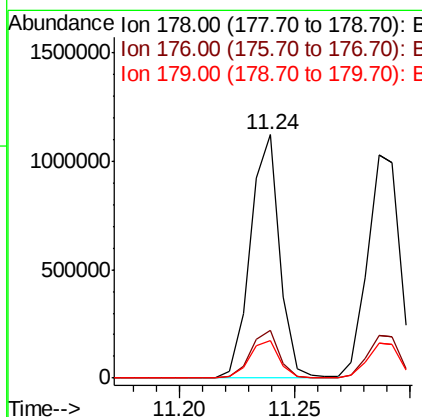
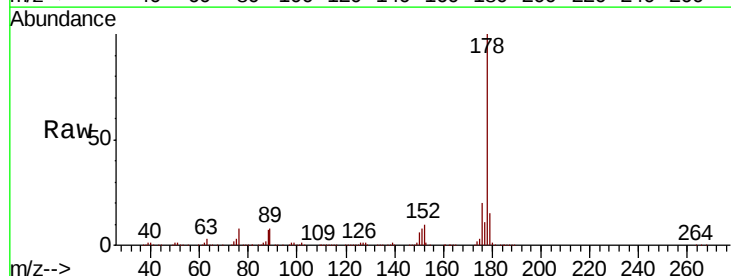
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

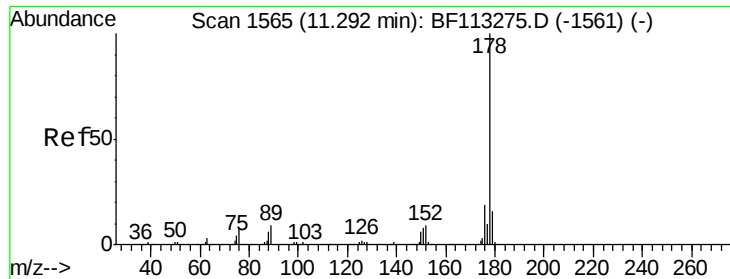
Tgt Ion:266 Resp: 164577
 Ion Ratio Lower Upper
 266 100
 268 67.6 53.8 80.6
 264 62.8 49.2 73.8



#71
 Phenanthrene
 Concen: 42.226 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

Tgt Ion:178 Resp: 996857
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.2
 179 15.3 12.7 19.1





#72

Anthracene

Concen: 42.799 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

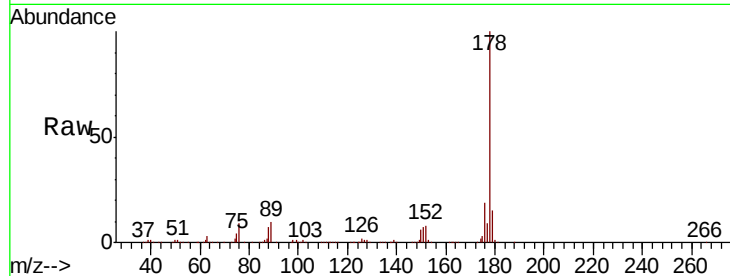
Tgt Ion:178 Resp: 1026292

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

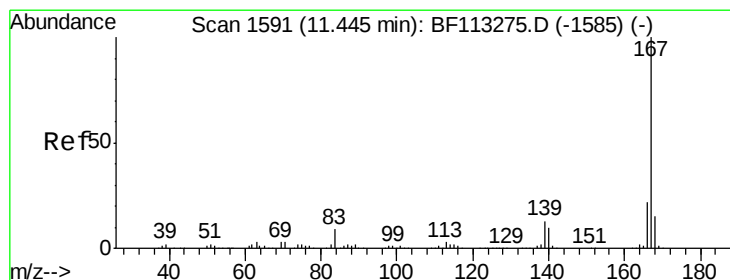
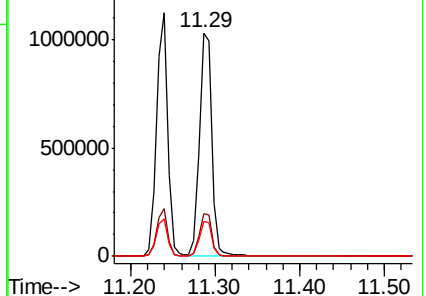
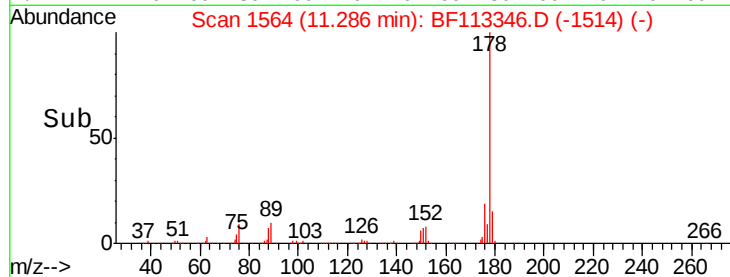
179 15.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 41.088 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

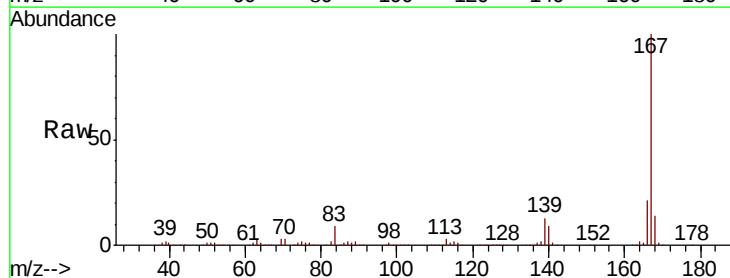
Tgt Ion:167 Resp: 940147

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

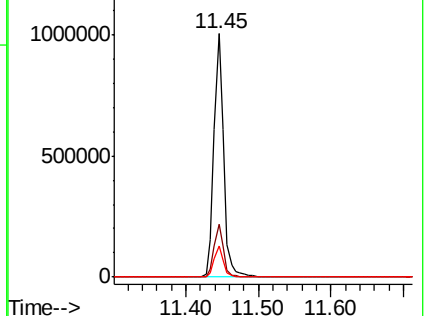
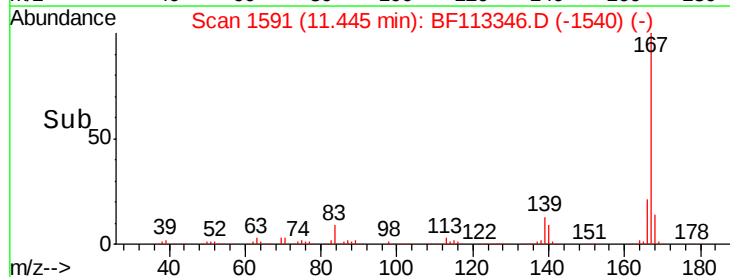
139 12.6 10.4 15.6

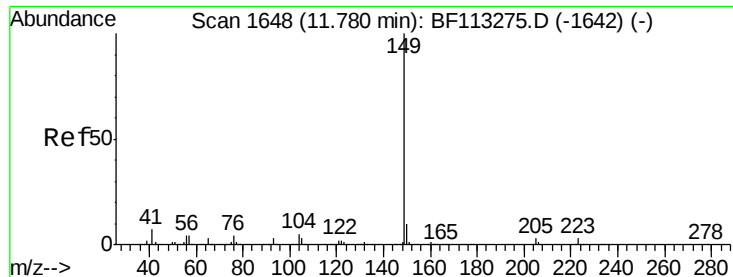


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 42.417 ng

RT: 11.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

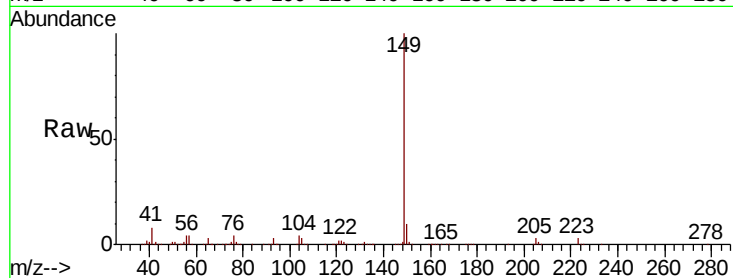
Tgt Ion:149 Resp: 1125484

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

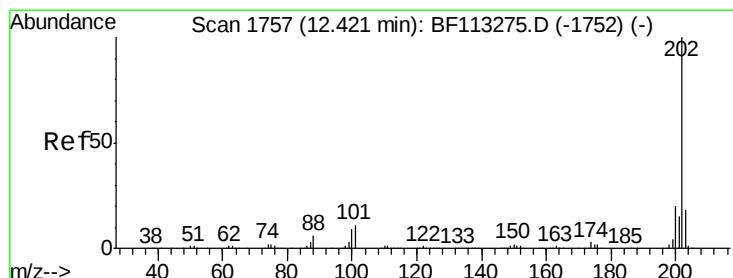
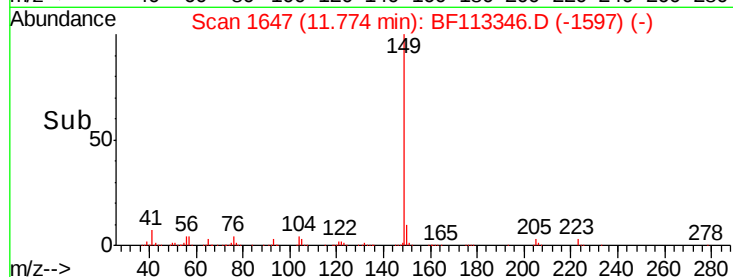
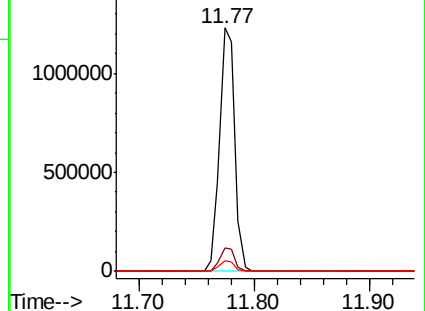
104 4.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 38.781 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

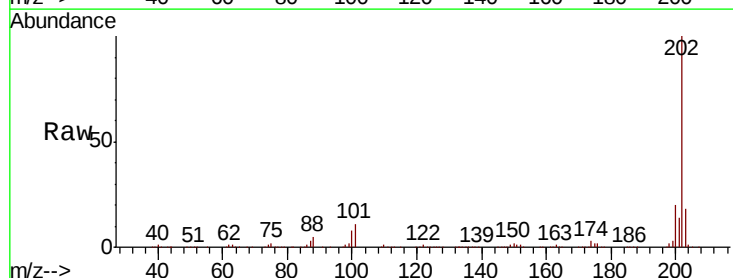
Tgt Ion:202 Resp: 1034985

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.4

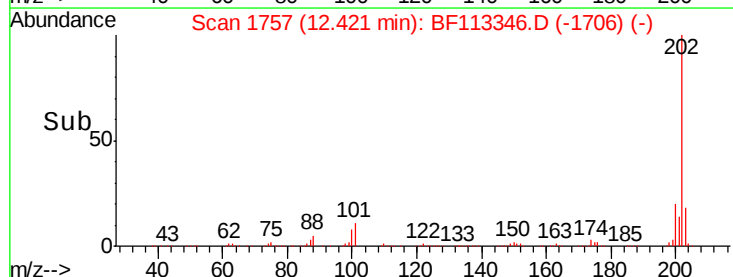
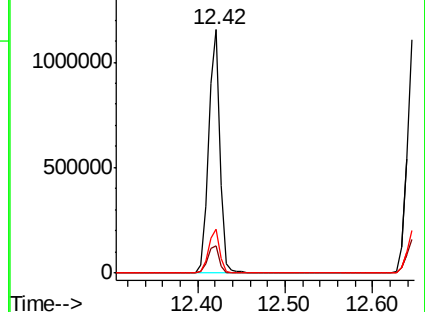
203 17.9 0.0 38.0

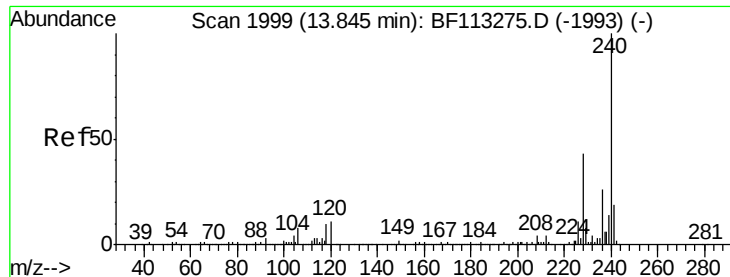


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

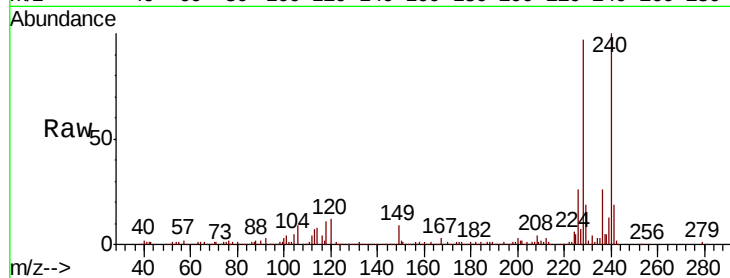




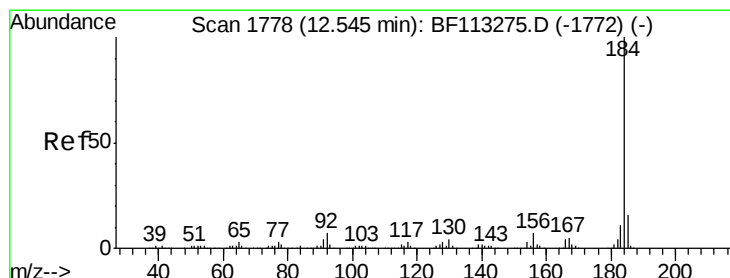
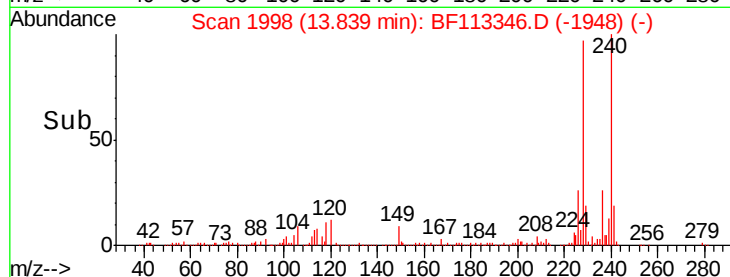
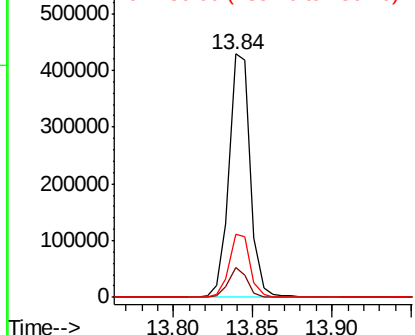
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:240 Resp: 401065
Ion Ratio Lower Upper
240 100
120 12.3 8.8 13.2
236 26.0 20.9 31.3

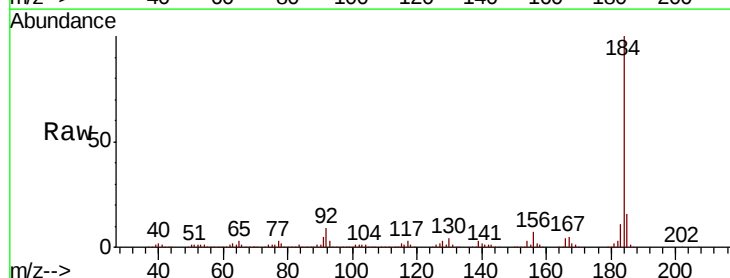


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

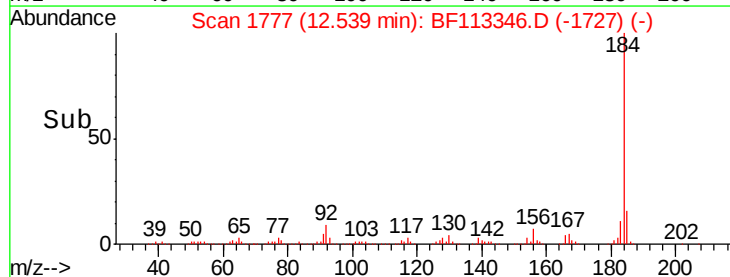
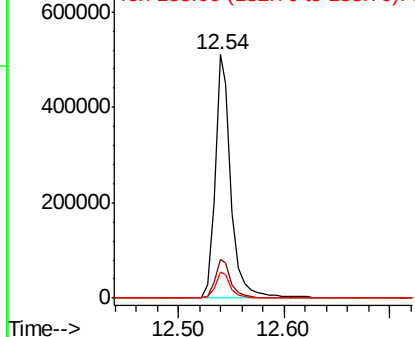


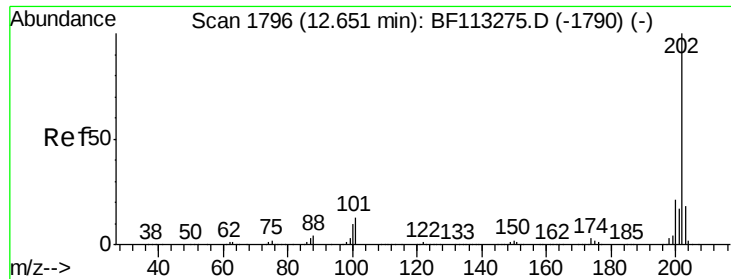
#77
Benzidine
Concen: 35.208 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion:184 Resp: 540755
Ion Ratio Lower Upper
184 100
185 16.1 13.0 19.6
183 10.6 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

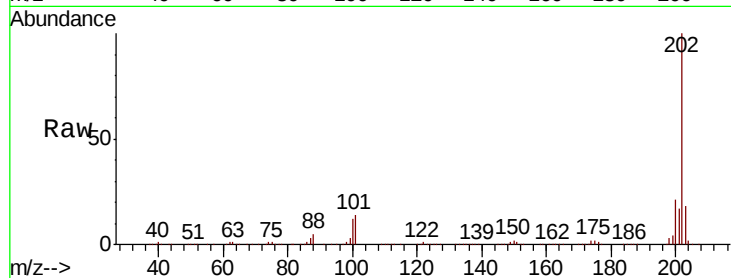




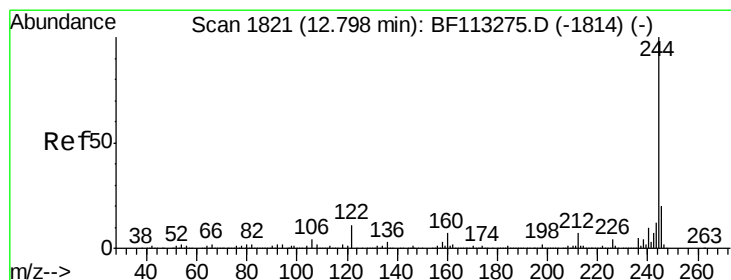
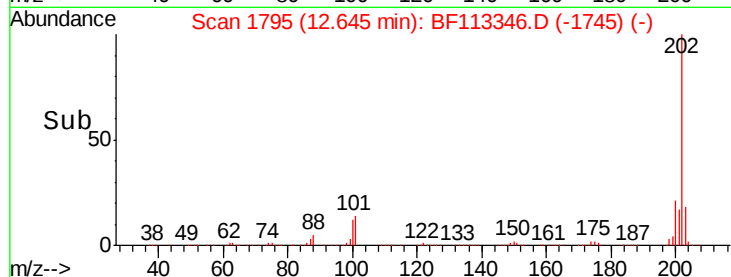
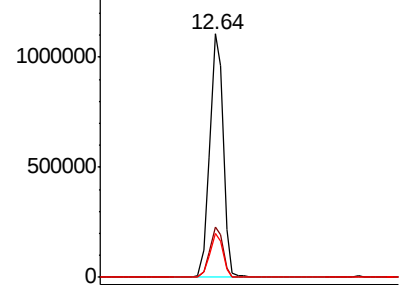
#78
Pyrene
Concen: 38.238 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 202 Resp: 1062741
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 18.0 14.4 21.6

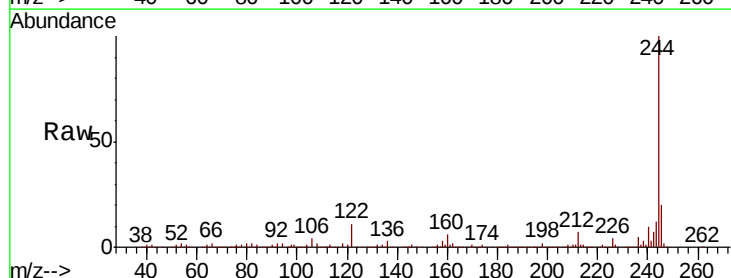


Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

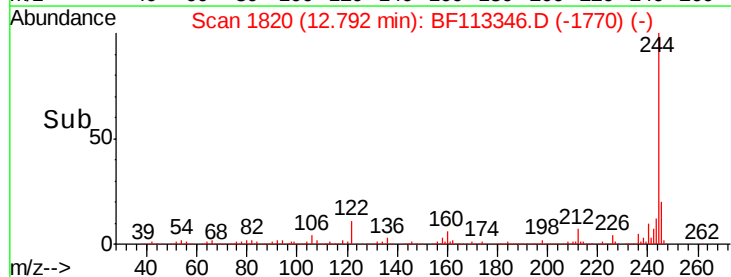
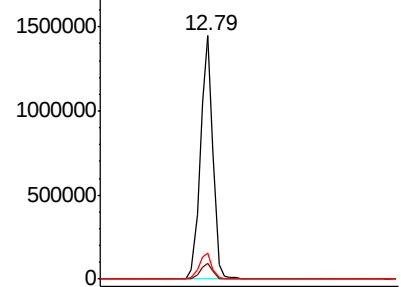


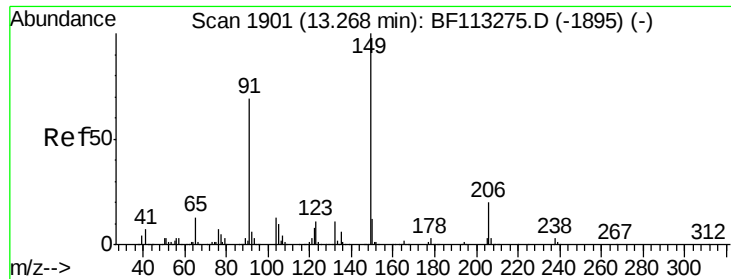
#79
Terphenyl-d14
Concen: 74.759 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion: 244 Resp: 1360299
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 10.9 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

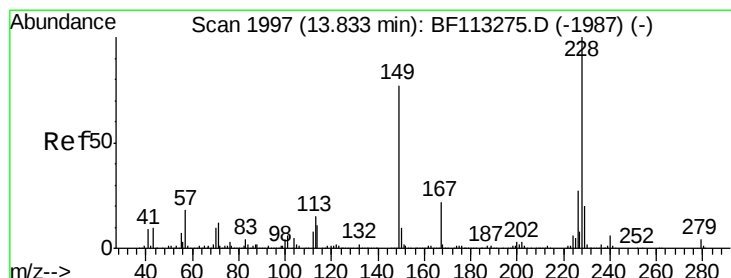
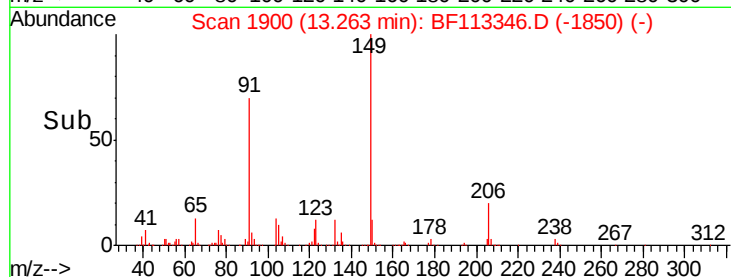
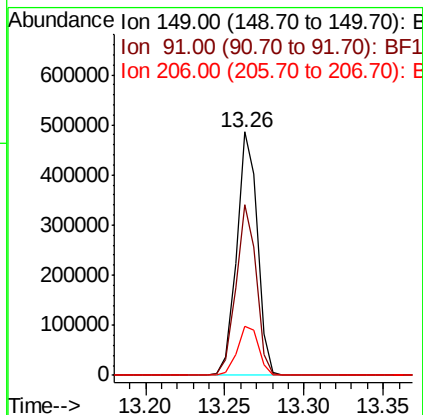
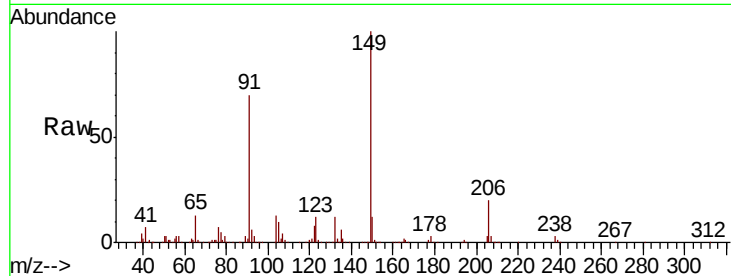




#80
Butylbenzylphthalate
Concen: 35.860 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

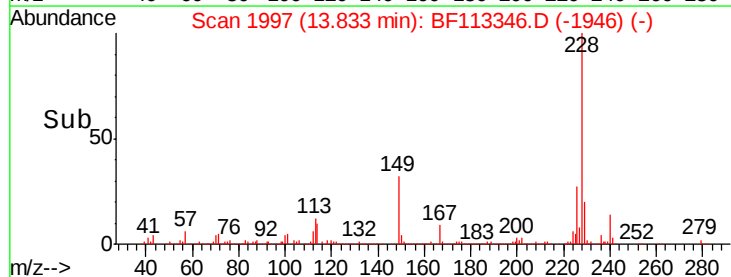
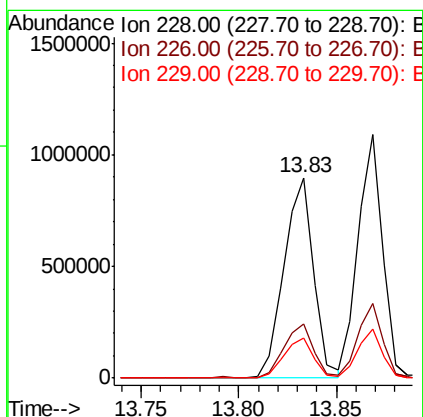
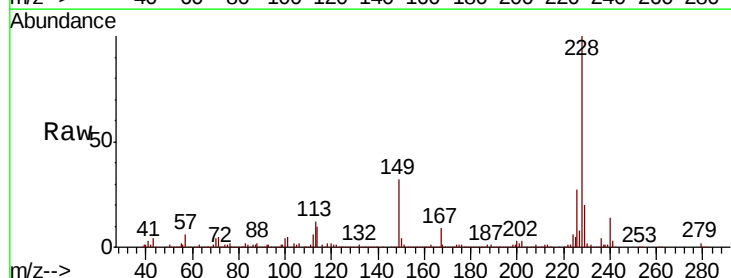
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

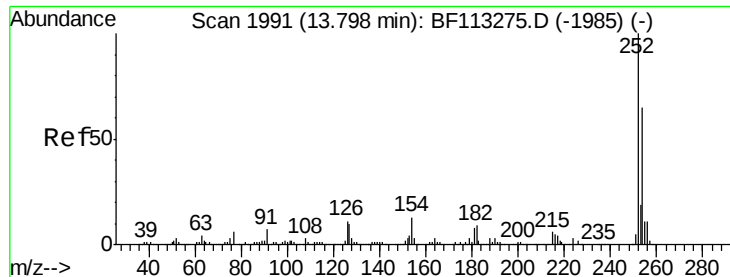
Tgt Ion:149 Resp: 439229
Ion Ratio Lower Upper
149 100
91 70.3 55.2 82.8
206 20.0 16.1 24.1



#81
Benzo(a)anthracene
Concen: 41.068 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion:228 Resp: 942829
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 20.0 16.2 24.4

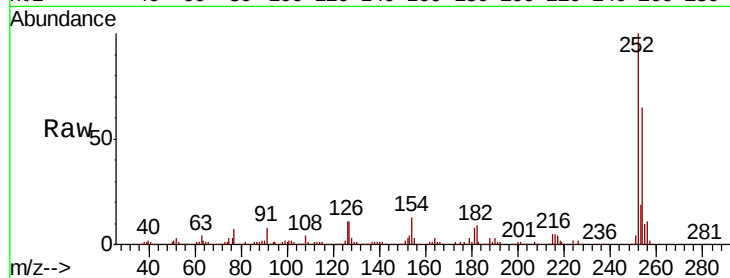




#82
 3,3'-Dichlorobenzidine
 Concen: 42.075 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.2	78.2
126	11.3	8.5	12.7

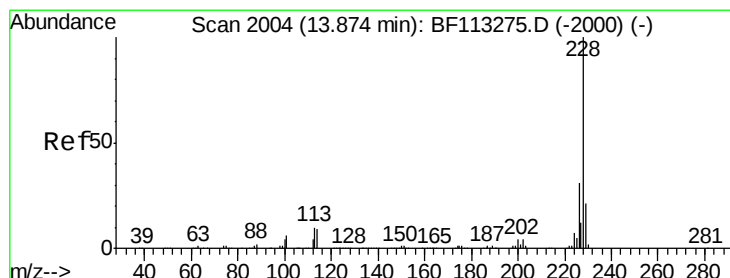
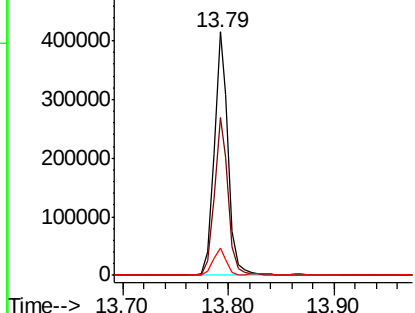
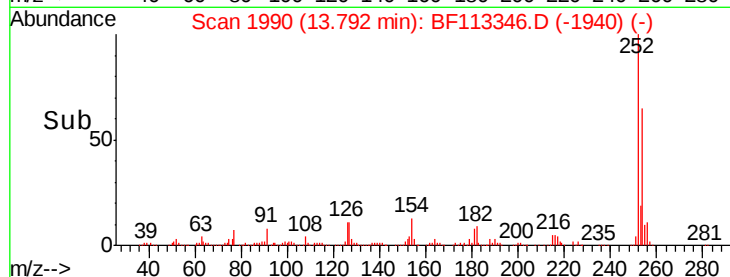


Abundance

Ion 252.00 (251.70 to 252.70): E

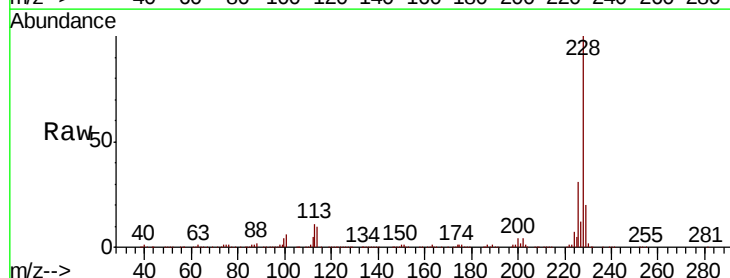
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 41.109 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.3	36.5
229	20.1	16.3	24.5

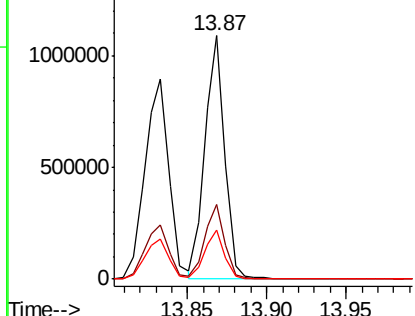
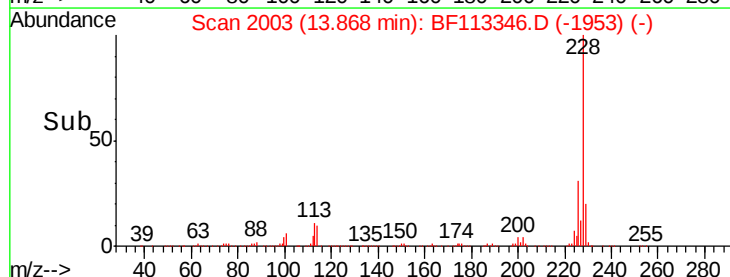


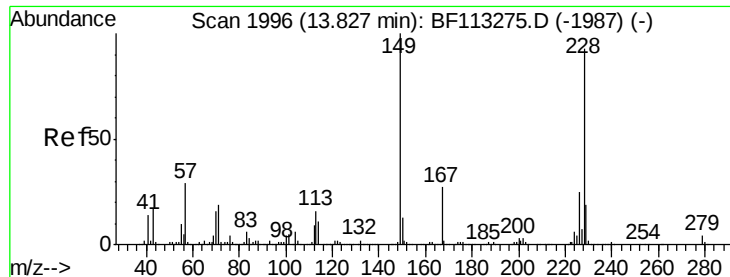
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 35.488 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

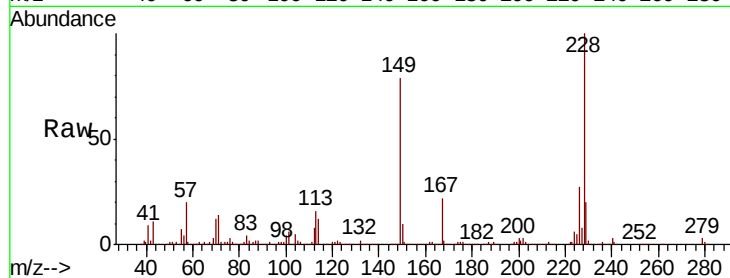
Tgt Ion:149 Resp: 532856

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

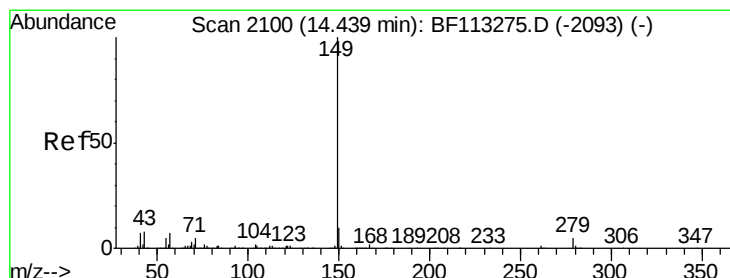
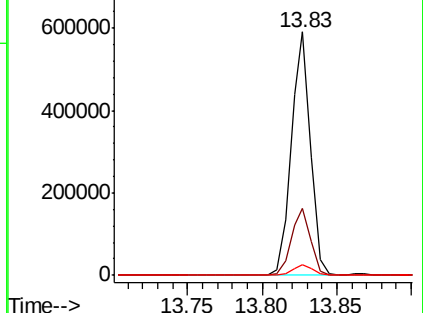
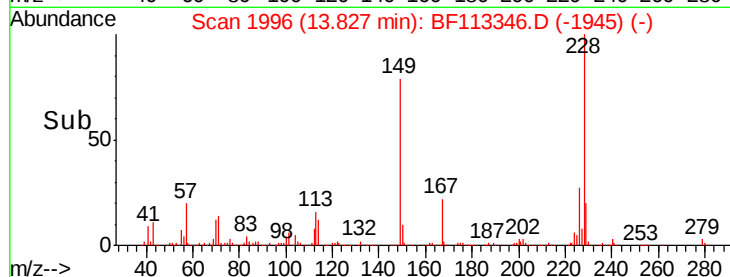
279 4.2 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 39.567 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

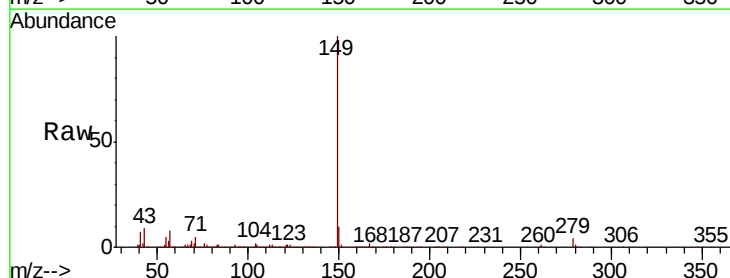
Tgt Ion:149 Resp: 1008467

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

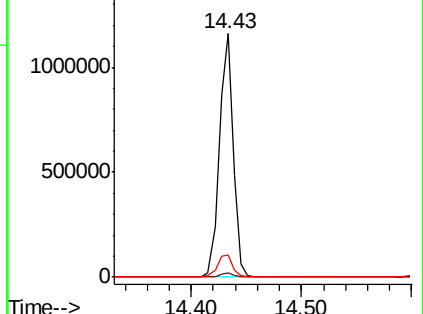
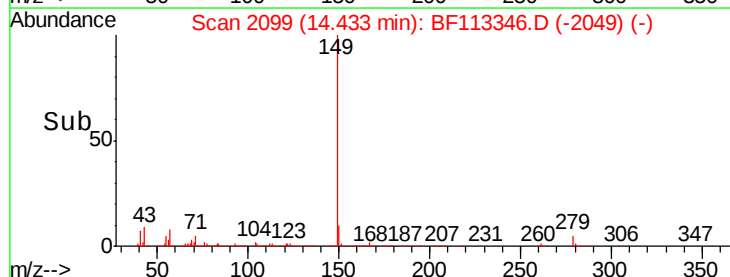
43 9.7 7.7 11.5

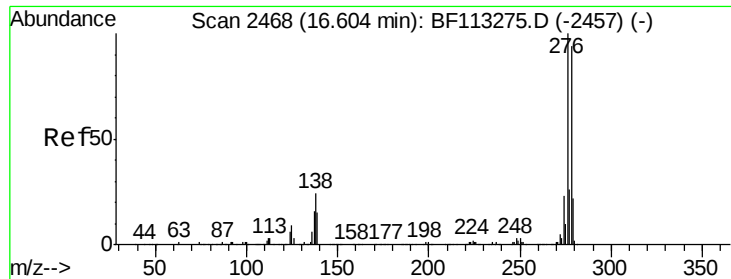


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

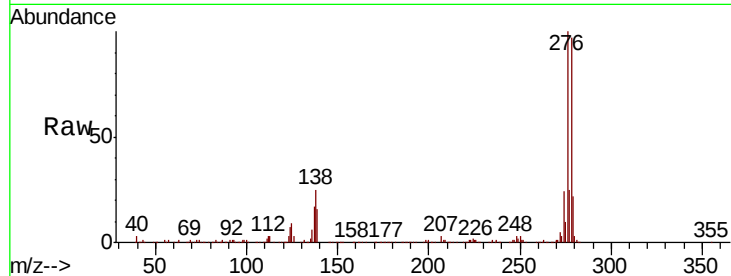




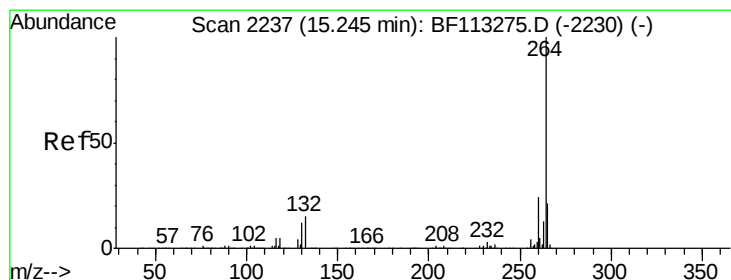
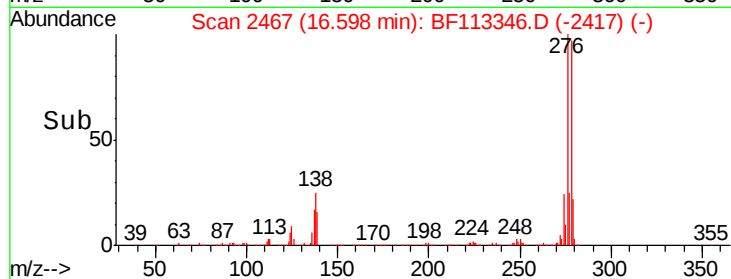
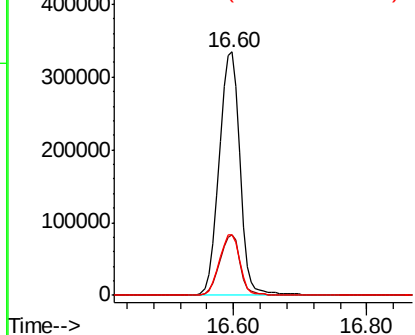
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 37.093 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 276 Resp: 742333
 Ion Ratio Lower Upper
 276 100
 138 24.4 18.1 27.1
 277 24.9 20.2 30.4

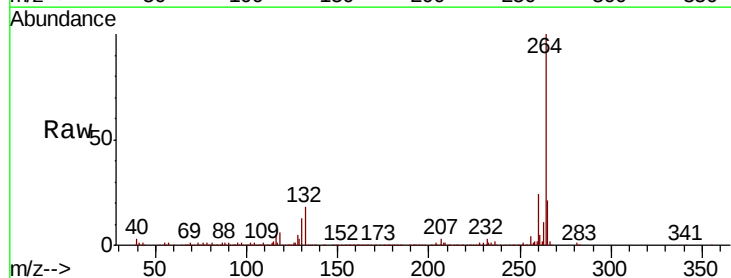


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

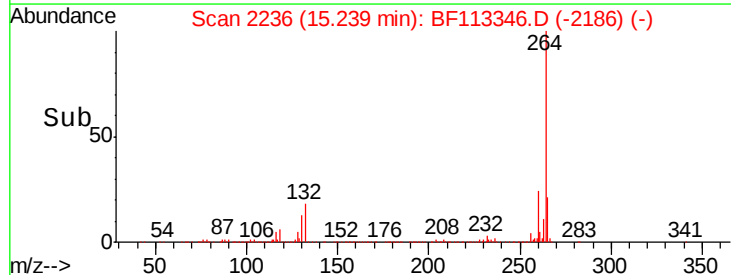
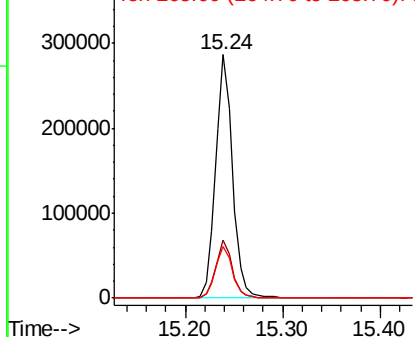


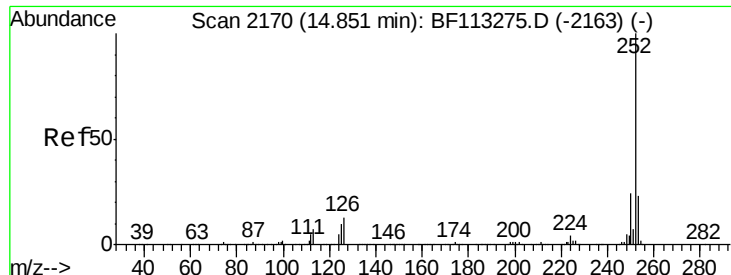
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113346.D
 Acq: 27 Mar 2019 23:33

Tgt Ion: 264 Resp: 346272
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.4 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

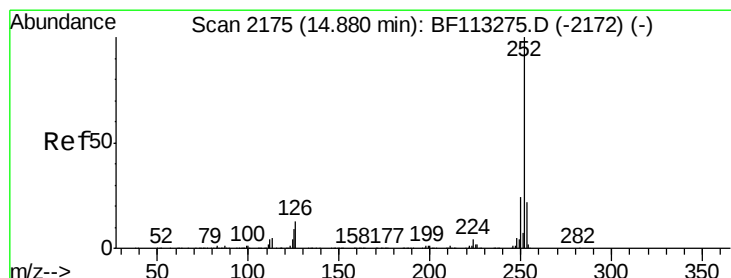
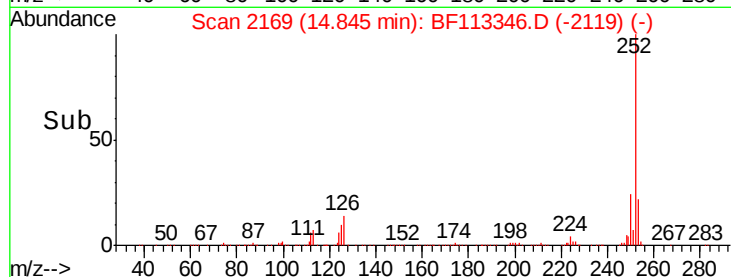
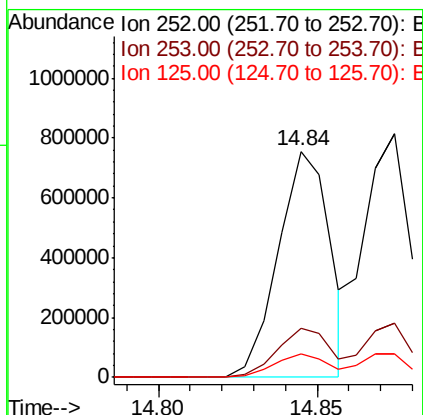
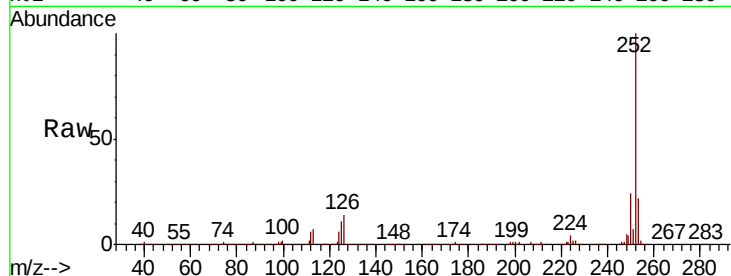




#88
Benzo(b)fluoranthene
Concen: 39.983 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

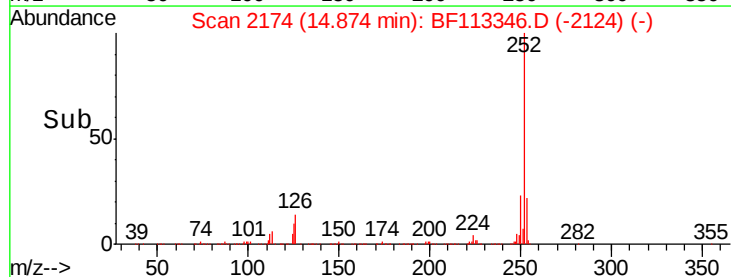
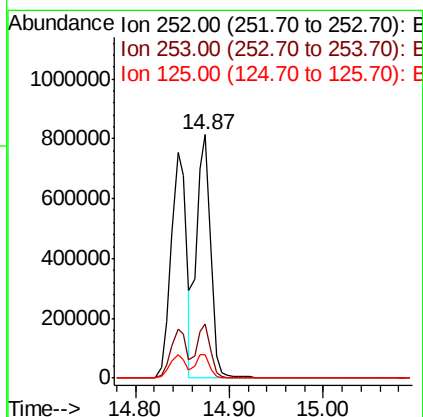
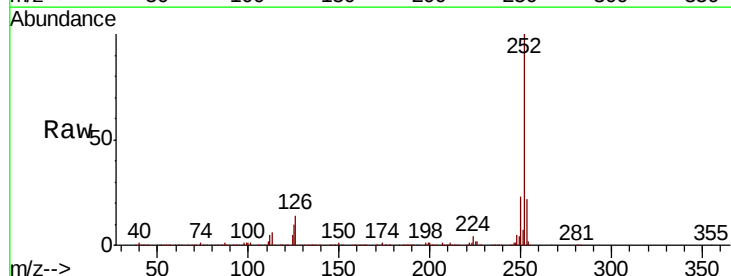
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

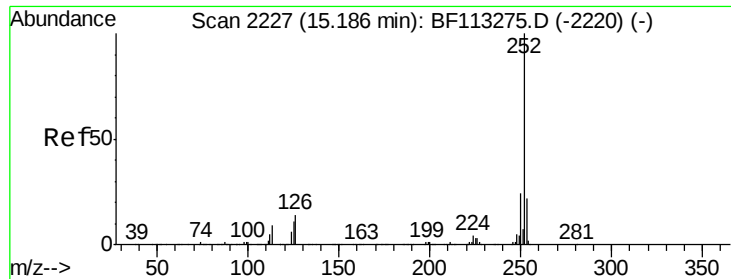
Tgt Ion:252 Resp: 860057
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.5 7.6 11.4



#89
Benzo(k)fluoranthene
Concen: 44.536 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113346.D
Acq: 27 Mar 2019 23:33

Tgt Ion:252 Resp: 841281
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.7 7.3 10.9





#90

Benzo(a)pyrene

Concen: 40.268 ng

RT: 15.19 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

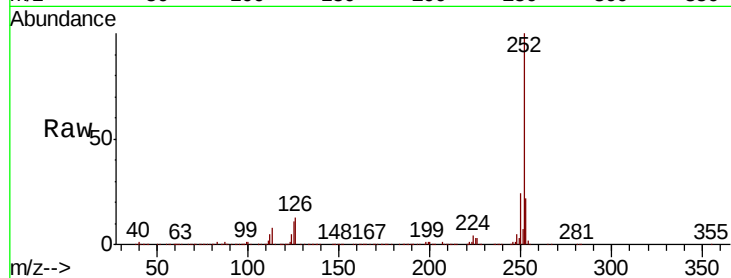
Tgt Ion:252 Resp: 767903

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

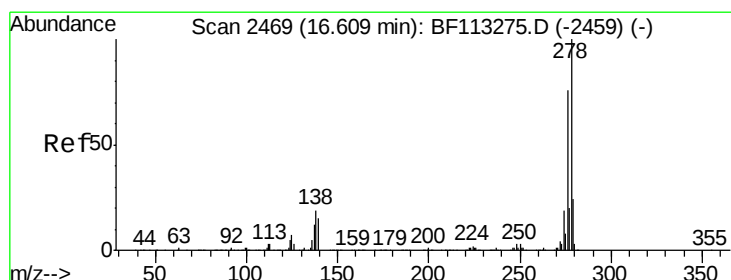
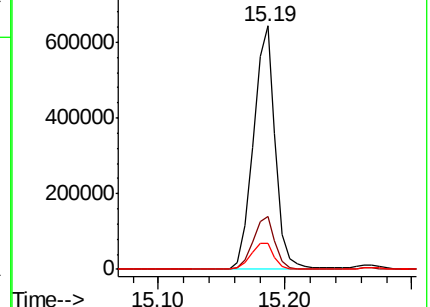
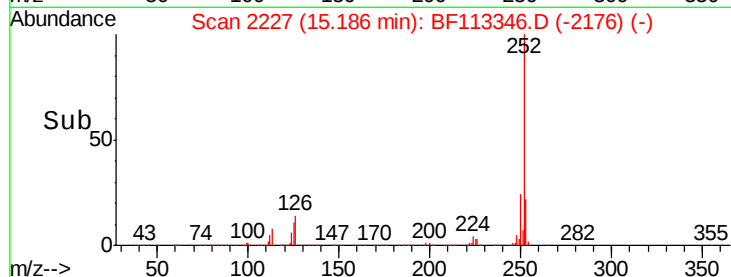
125 10.7 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 37.603 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113346.D

Acq: 27 Mar 2019 23:33

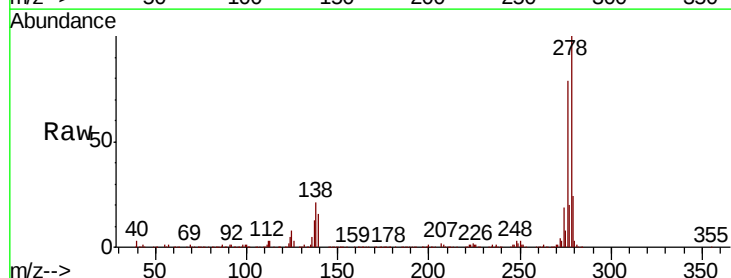
Tgt Ion:278 Resp: 620032

Ion Ratio Lower Upper

278 100

139 16.3 12.0 18.0

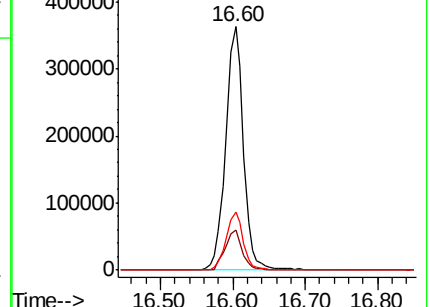
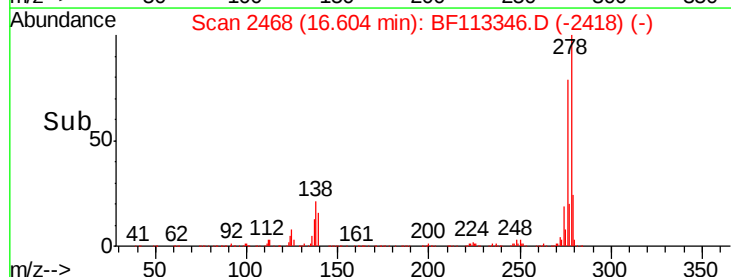
279 24.0 19.0 28.6

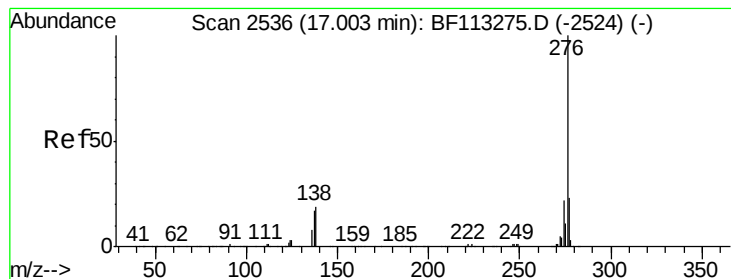


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 35.771 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113346.D

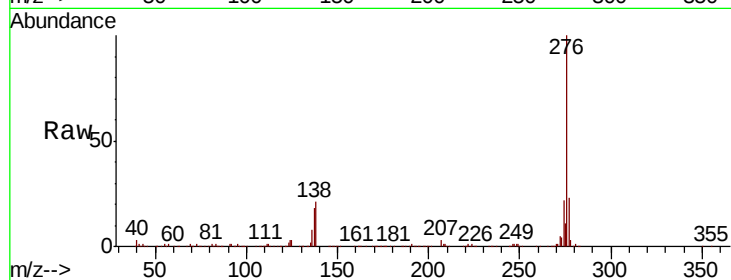
Acq: 27 Mar 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



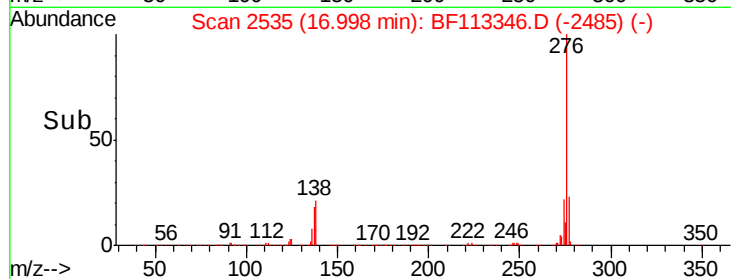
Tgt Ion: 276 Resp: 594704

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 21.0 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

